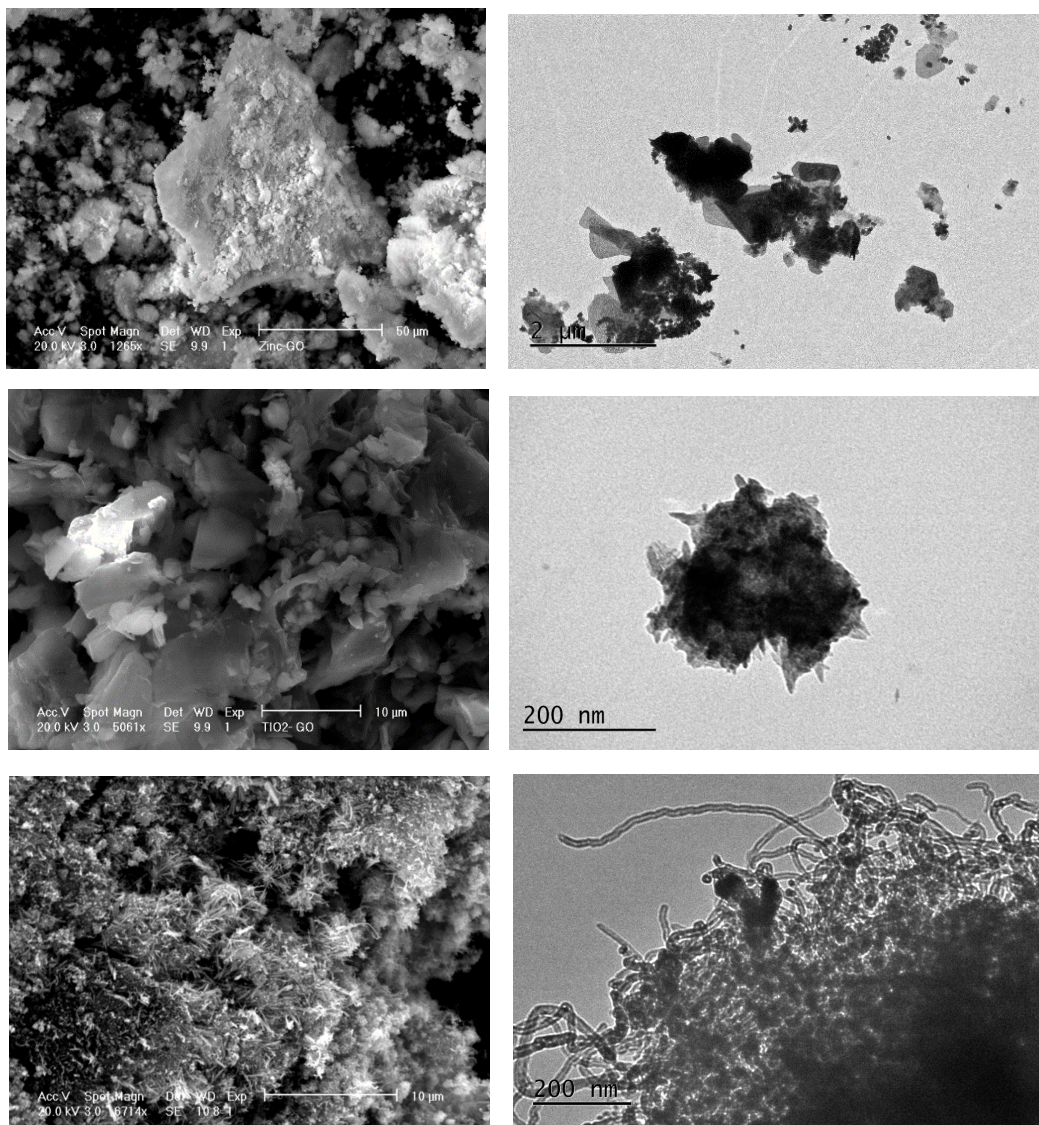
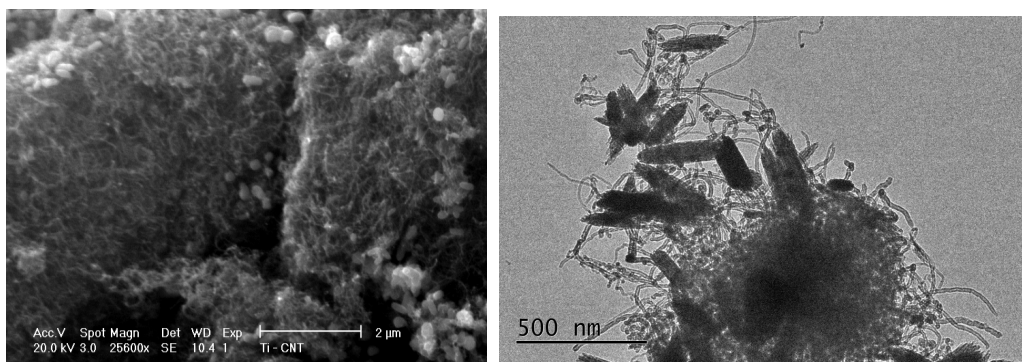


In-vitro toxicity evaluation of ZnO/TiO₂-conjugated carbon nanotubes/graphene oxide-based nanohybrids on a *Thalassiosira pseudonana* marine diatom

Figure 1. Physicochemical properties of nanohybrids. (A) SEM and TEM images, (B) Raman analysis of four types of nanohybrids, and (C) FT-IR analysis of four different types of NHs [Baek et al., 2018].

(A) SEM and TEM images





(B) Raman analysis

Raman shift	GO	TiO ₂ -GO	ZnO-GO	TiO ₂	ZnO
253.0266	272.	32177.	23297.	7242.	2378.
253.4273	244.	31972.	23638.	7250.	2337.
253.8279	276.	31958.	23124.	7441.	2298.
254.2285	240.	31350.	23355.	7506.	2403.
254.6291	291.	31714.	23199.	7101.	2336.
255.0297	294.	31779.	23104.	7434.	2367.
255.4302	248.	32095.	22744.	7318.	2367.
255.8307	275.	31944.	23123.	7369.	2366.
256.2312	253.	31529.	23012.	7298.	2380.
256.6316	259.	32127.	22869.	7311.	2295.
257.0321	291.	32136.	22889.	7197.	2346.
257.4324	253.	31840.	22771.	7452.	2391.
257.8328	260.	31905.	22770.	7318.	2374.
258.2332	251.	31771.	22656.	7312.	2411.
258.6335	225.	31949.	22578.	7339.	2270.
259.0338	224.	32068.	23044.	7433.	2361.
259.4341	254.	31997.	23062.	7158.	2371.
259.8343	279.	32214.	22927.	7513.	2277.
260.2345	244.	32132.	22768.	7397.	2343.
260.6347	273.	31639.	22906.	7506.	2274.

261.0349	280.	32072.	22868.	7629.	2345.
261.4350	250.	31879.	22715.	7397.	2385.
261.8351	257.	31803.	22821.	7435.	2407.
262.2352	270.	31741.	22448.	7515.	2385.
262.6353	280.	31958.	22693.	7607.	2384.
263.0353	260.	32340.	22421.	7682.	2390.
263.4353	267.	32040.	22574.	7581.	2417.
263.8353	271.	31849.	22556.	7656.	2374.
264.2353	246.	32173.	22562.	7452.	2328.
264.6352	260.	31879.	22717.	7621.	2373.
265.0351	289.	31853.	22487.	7391.	2377.
265.4350	271.	31649.	22890.	7473.	2274.
265.8348	275.	32121.	22433.	7543.	2371.
266.2347	269.	31863.	22529.	7551.	2309.
266.6345	272.	32224.	22480.	7402.	2332.
267.0342	292.	31858.	22786.	7632.	2315.
267.4340	300.	31925.	22587.	7699.	2294.
267.8337	247.	31943.	22573.	7687.	2309.
268.2334	292.	31786.	22667.	7723.	2429.
268.6331	295.	32169.	22624.	7643.	2327.
269.0327	278.	32296.	22370.	7656.	2378.
269.4324	253.	32162.	22705.	7631.	2339.
269.8319	235.	32685.	22861.	7829.	2451.
270.2315	289.	32134.	22811.	7759.	2347.
270.6311	289.	32266.	22804.	7903.	2393.
271.0306	264.	32107.	22588.	7642.	2299.
271.4301	298.	32369.	22740.	7972.	2424.
271.8295	259.	32392.	22694.	7609.	2333.

272.2290	282.	32001.	22532.	7819.	2491.
272.6284	262.	32070.	22656.	7830.	2338.
273.0278	290.	31720.	22753.	7982.	2429.
273.4271	290.	32215.	22547.	7958.	2314.
273.8265	246.	32274.	22734.	7731.	2430.
274.2258	277.	32479.	22725.	7701.	2319.
274.6251	249.	32323.	22320.	7977.	2392.
275.0243	296.	32193.	22712.	7927.	2406.
275.4236	289.	32333.	22874.	8132.	2396.
275.8228	294.	32388.	22698.	8077.	2477.
276.2220	238.	32287.	22833.	7982.	2391.
276.6211	288.	32135.	22772.	8049.	2451.
277.0202	254.	31902.	22644.	8004.	2421.
277.4194	262.	32427.	22600.	8051.	2446.
277.8184	292.	32161.	22656.	8141.	2407.
278.2175	279.	32101.	22732.	8008.	2399.
278.6165	283.	32222.	22774.	8127.	2456.
279.0155	272.	32157.	22650.	8149.	2453.
279.4145	281.	32341.	22573.	7999.	2423.
279.8134	287.	32517.	22744.	8154.	2390.
280.2124	253.	32235.	22767.	8219.	2442.
280.6113	265.	32478.	23269.	8280.	2421.
281.0101	292.	32843.	22861.	8308.	2432.
281.4090	308.	32248.	22908.	8221.	2461.
281.8078	266.	32584.	23040.	8285.	2448.
282.2066	250.	32722.	23321.	8360.	2545.
282.6054	283.	32599.	23098.	8525.	2453.
283.0041	284.	32461.	23304.	8252.	2520.

283.4028	265.	32676.	23530.	8518.	2591.
283.8015	291.	32361.	23154.	8532.	2476.
284.2002	296.	32828.	23231.	8479.	2442.
284.5988	328.	32680.	23711.	8458.	2616.
284.9974	252.	32675.	23318.	8468.	2452.
285.3960	286.	32743.	23274.	8392.	2448.
285.7946	323.	32643.	23774.	8436.	2424.
286.1931	279.	32446.	23620.	8624.	2518.
286.5916	246.	32652.	23401.	8493.	2457.
286.9901	305.	32550.	23264.	8701.	2420.
287.3886	278.	32866.	22974.	8601.	2513.
287.7870	280.	32282.	23164.	8435.	2539.
288.1854	275.	32234.	23034.	8637.	2464.
288.5838	247.	32115.	23240.	8503.	2538.
288.9821	298.	32788.	23031.	8534.	2492.
289.3805	253.	32813.	23560.	8811.	2459.
289.7788	283.	32704.	23369.	8729.	2506.
290.1771	271.	32513.	23183.	8801.	2538.
290.5753	286.	32656.	23553.	8630.	2482.
290.9735	250.	32507.	23638.	8837.	2506.
291.3717	303.	32578.	23552.	8572.	2564.
291.7699	291.	32775.	23286.	8816.	2537.
292.1681	286.	32437.	23519.	8852.	2499.
292.5662	304.	32644.	23559.	8613.	2634.
292.9643	304.	32412.	23631.	8998.	2545.
293.3624	256.	32428.	23610.	9070.	2519.
293.7604	300.	32717.	23602.	8931.	2621.
294.1584	271.	32129.	24011.	8763.	2525.

294.5564	266.	32389.	23436.	8903.	2589.
294.9544	233.	32780.	23910.	8917.	2470.
295.3523	270.	32509.	23670.	9010.	2612.
295.7502	261.	32499.	23433.	9093.	2470.
296.1481	283.	32363.	23838.	8896.	2555.
296.5460	269.	32515.	23611.	9078.	2553.
296.9438	276.	32844.	23641.	9009.	2692.
297.3417	285.	32482.	23675.	8888.	2526.
297.7395	229.	32662.	23730.	9170.	2579.
298.1372	295.	32588.	23588.	9197.	2653.
298.5350	310.	32436.	23819.	8932.	2688.
298.9327	293.	32642.	23872.	9164.	2620.
299.3303	271.	32729.	24278.	8906.	2687.
299.7280	271.	32585.	23836.	9016.	2620.
300.1256	278.	32544.	23816.	9260.	2541.
300.5232	253.	32340.	23898.	9171.	2672.
300.9208	274.	32429.	24345.	9081.	2588.
301.3184	260.	32772.	23925.	9166.	2610.
301.7159	274.	32572.	23833.	9100.	2670.
302.1134	275.	32444.	23558.	9024.	2709.
302.5109	284.	32649.	24066.	9266.	2662.
302.9084	293.	32524.	24163.	9026.	2715.
303.3058	307.	32519.	24230.	9227.	2632.
303.7032	281.	32526.	24240.	9241.	2748.
304.1006	254.	32673.	24221.	9219.	2740.
304.4979	239.	32574.	24168.	9230.	2617.
304.8952	297.	32692.	24165.	9319.	2771.
305.2925	293.	32454.	24264.	8934.	2716.

305.6898	279.	32312.	23815.	9244.	2741.
306.0871	299.	32561.	24155.	9213.	2757.
306.4843	253.	32706.	24256.	8973.	2784.
306.8815	271.	32885.	24348.	9251.	2838.
307.2787	297.	32523.	24341.	9074.	2844.
307.6758	317.	32653.	24609.	9112.	2860.
308.0729	258.	32334.	24188.	9198.	2788.
308.4700	281.	32494.	24776.	9243.	2713.
308.8671	272.	32362.	24531.	9273.	2865.
309.2641	297.	32705.	24672.	9126.	2784.
309.6611	284.	32717.	24834.	9426.	2950.
310.0581	296.	32553.	24853.	9264.	2885.
310.4551	289.	32424.	24888.	9095.	2803.
310.8520	264.	32945.	24888.	9422.	2850.
311.2490	296.	33020.	24554.	9431.	2891.
311.6458	292.	32883.	25093.	9219.	2879.
312.0427	264.	33182.	24753.	9456.	2988.
312.4395	298.	32665.	25008.	9371.	3039.
312.8363	286.	32932.	25175.	9380.	2860.
313.2331	266.	32938.	25069.	9371.	2974.
313.6299	288.	32811.	24970.	9233.	2963.
314.0266	262.	32835.	25091.	9326.	2981.
314.4233	297.	32888.	25069.	9266.	3016.
314.8200	298.	32578.	25014.	9441.	3032.
315.2167	303.	32611.	24903.	9468.	2968.
315.6133	244.	32900.	25352.	9372.	3024.
316.0099	305.	32931.	25044.	9405.	3100.
316.4065	279.	32928.	25465.	9260.	2986.

316.8030	295.	33105.	25314.	9413.	3082.
317.1996	278.	32995.	25298.	9122.	3102.
317.5961	322.	32984.	25057.	9552.	3104.
317.9926	284.	32741.	25299.	9376.	3206.
318.3890	313.	32728.	25361.	9388.	3064.
318.7854	272.	33122.	25685.	9340.	3087.
319.1818	319.	32808.	25654.	9256.	3115.
319.5782	293.	32859.	25742.	9384.	3137.
319.9746	284.	33164.	25431.	9426.	3123.
320.3709	253.	33181.	25679.	9198.	3120.
320.7672	252.	32912.	25167.	9382.	3265.
321.1634	279.	32896.	25817.	9418.	3194.
321.5597	274.	33355.	25616.	9471.	3188.
321.9559	255.	33055.	25797.	9368.	3228.
322.3521	287.	33072.	25764.	9344.	3202.
322.7483	244.	32846.	25691.	9463.	3271.
323.1444	299.	33091.	25791.	9334.	3409.
323.5405	311.	33126.	25988.	9568.	3356.
323.9366	288.	33044.	25552.	9294.	3376.
324.3327	250.	33209.	26168.	9613.	3269.
324.7287	254.	33237.	25927.	9146.	3496.
325.1248	292.	33131.	25876.	9486.	3489.
325.5207	254.	33236.	25964.	9422.	3449.
325.9167	272.	33034.	26330.	9490.	3531.
326.3126	279.	33318.	26167.	9438.	3425.
326.7086	272.	33522.	26126.	9465.	3442.
327.1044	286.	33487.	26308.	9412.	3616.
327.5003	286.	33378.	26508.	9470.	3515.

327.8961	289.	33717.	26508.	9222.	3467.
328.2919	304.	33643.	26561.	9424.	3597.
328.6877	317.	33601.	26493.	9376.	3651.
329.0835	281.	33752.	26512.	9407.	3540.
329.4792	273.	33540.	26778.	9367.	3448.
329.8749	288.	33701.	26635.	9588.	3552.
330.2706	274.	33791.	26568.	9467.	3577.
330.6663	258.	34059.	26551.	9361.	3477.
331.0619	239.	33591.	26143.	9415.	3543.
331.4575	282.	33196.	26147.	9312.	3461.
331.8531	296.	33498.	26874.	9190.	3420.
332.2486	273.	33841.	26145.	9486.	3436.
332.6442	303.	33598.	26417.	9422.	3258.
333.0397	274.	33985.	26534.	9490.	3208.
333.4351	267.	33564.	26541.	9438.	3099.
333.8306	267.	33985.	26514.	9465.	2967.
334.2260	244.	33152.	26248.	9412.	3000.
334.6214	247.	33658.	26597.	9470.	3085.
335.0168	280.	33658.	26471.	9486.	2873.
335.4121	262.	33659.	26359.	9422.	2865.
335.8075	271.	33445.	26348.	9490.	3037.
336.2028	241.	33698.	26483.	9438.	2980.
336.5980	298.	33447.	26874.	9465.	3043.
336.9933	288.	33669.	26481.	9412.	3031.
337.3885	246.	33669.	26478.	9470.	3126.
337.7837	275.	34564.	26493.	9315.	3167.
338.1789	295.	34408.	27546.	9611.	3206.
338.5740	264.	34972.	27752.	9631.	3135.

338.9691	245.	34987.	27935.	9889.	3102.
339.3642	274.	34476.	28025.	9894.	3047.
339.7593	263.	34586.	27332.	9640.	3255.
340.1543	285.	34801.	27776.	9796.	3109.
340.5494	257.	34773.	27930.	9849.	3102.
340.9443	270.	35002.	27892.	9720.	2887.
341.3393	319.	34666.	27844.	9882.	3061.
341.7342	274.	34345.	27910.	9672.	3008.
342.1292	282.	34686.	28001.	10134.	3058.
342.5240	301.	34792.	28049.	9962.	3135.
342.9189	291.	35008.	28030.	10160.	3039.
343.3137	315.	34997.	28042.	10161.	2970.
343.7086	285.	34775.	28073.	9824.	2942.
344.1033	291.	34999.	27825.	10122.	2892.
344.4981	270.	35194.	28310.	10354.	3030.
344.8928	294.	35204.	28096.	10038.	3062.
345.2875	271.	34725.	28211.	10152.	2983.
345.6822	303.	35216.	28210.	10239.	2864.
346.0769	311.	35037.	28354.	10222.	2819.
346.4715	313.	35037.	28527.	10148.	2843.
346.8661	290.	35252.	28624.	10358.	2948.
347.2607	268.	34898.	28763.	10249.	2951.
347.6553	336.	35272.	28597.	10162.	2899.
348.0498	277.	35284.	28438.	10649.	2901.
348.4443	257.	35286.	28792.	10533.	2944.
348.8388	250.	34985.	28923.	10533.	2816.
349.2332	264.	35498.	28985.	10518.	2858.
349.6277	261.	35384.	28931.	10885.	2855.

350.0221	292.	35399.	29309.	10522.	2794.
350.4164	305.	35751.	29257.	10825.	2823.
350.8108	275.	35391.	29309.	10809.	2837.
351.2051	267.	35639.	29173.	10771.	2860.
351.5994	303.	35444.	29256.	10951.	2814.
351.9937	247.	35449.	29440.	11049.	2909.
352.3879	274.	35417.	29385.	11079.	2699.
352.7822	289.	35524.	29418.	11142.	2801.
353.1764	260.	35825.	29461.	11053.	2851.
353.5705	257.	35864.	29751.	11082.	2879.
353.9647	251.	35727.	29783.	11011.	2891.
354.3588	303.	35517.	29470.	11459.	2901.
354.7529	269.	35836.	29534.	11314.	2881.
355.1470	299.	35327.	29935.	11356.	2810.
355.5410	308.	35999.	29704.	11707.	2880.
355.9350	302.	35925.	29933.	11477.	2848.
356.3290	306.	35730.	29975.	11834.	2800.
356.7230	261.	35576.	29869.	11686.	2858.
357.1169	292.	35932.	30164.	11908.	2905.
357.5108	264.	36097.	30093.	12047.	2742.
357.9047	290.	35931.	30466.	12105.	2802.
358.2986	258.	36150.	30475.	12108.	2867.
358.6924	303.	35992.	30477.	12082.	2811.
359.0863	303.	36025.	30381.	12309.	2778.
359.4801	261.	35952.	30532.	12154.	2888.
359.8738	354.	36127.	30265.	12549.	2807.
360.2676	304.	36543.	30464.	12627.	2841.
360.6613	253.	36253.	30755.	12549.	2857.

361.0550	296.	36186.	30812.	12607.	2860.
361.4486	250.	36331.	30978.	12760.	2905.
361.8423	286.	36799.	31130.	12877.	2775.
362.2359	316.	36589.	31650.	12861.	2783.
362.6294	306.	36440.	31541.	12797.	2817.
363.0230	265.	36902.	31629.	13051.	2844.
363.4165	281.	36654.	31304.	13172.	2830.
363.8101	283.	36430.	31822.	13186.	2853.
364.2035	276.	36682.	31748.	13482.	2842.
364.5970	282.	36531.	31680.	13355.	2885.
364.9904	270.	36527.	31690.	13526.	2812.
365.3838	286.	36838.	31963.	13708.	2819.
365.7772	329.	36759.	31883.	13834.	2874.
366.1706	259.	37424.	31929.	13903.	2859.
366.5639	269.	37253.	32263.	13842.	2915.
366.9572	278.	36786.	32099.	14247.	2827.
367.3505	264.	37067.	32552.	14270.	2816.
367.7437	323.	37113.	32420.	14362.	2862.
368.1370	268.	36506.	32457.	14531.	2935.
368.5302	286.	36933.	32957.	14398.	2885.
368.9233	296.	37733.	32907.	14791.	2919.
369.3165	271.	37147.	33360.	14730.	2901.
369.7096	281.	37532.	33342.	15059.	2842.
370.1027	259.	37876.	33308.	15023.	2758.
370.4958	282.	37038.	33409.	15409.	2984.
370.8889	278.	37596.	33202.	15487.	3008.
371.2819	333.	37617.	33572.	15962.	2928.
371.6749	270.	37595.	33846.	15801.	3112.

372.0679	286.	37997.	33854.	15963.	2951.
372.4608	281.	37139.	33393.	16308.	2968.
372.8537	279.	38080.	33991.	16653.	3002.
373.2466	287.	37824.	34433.	16819.	2943.
373.6395	278.	38166.	34242.	17283.	3018.
374.0323	270.	37838.	34618.	17143.	3016.
374.4252	290.	37857.	34664.	17478.	3026.
374.8180	292.	38417.	34518.	17718.	2946.
375.2107	280.	38046.	34534.	18173.	2909.
375.6035	271.	38106.	34757.	18473.	2939.
375.9962	305.	38268.	35481.	18412.	2979.
376.3889	251.	38551.	35339.	19019.	2979.
376.7815	322.	38226.	35227.	19267.	3089.
377.1742	298.	38507.	35162.	19453.	3004.
377.5668	306.	38605.	35208.	19678.	3028.
377.9594	287.	38891.	35951.	20194.	2962.
378.3520	298.	38775.	35681.	20642.	2997.
378.7445	245.	38847.	35512.	20860.	3054.
379.1370	288.	38703.	36061.	21216.	2896.
379.5295	250.	38912.	35913.	21672.	3058.
379.9220	269.	39104.	36185.	21977.	2990.
380.3144	301.	39027.	36520.	22466.	2970.
380.7068	266.	39291.	36639.	22676.	3011.
381.0992	301.	38961.	36677.	23267.	3018.
381.4916	280.	39430.	37031.	23747.	2946.
381.8839	254.	39609.	36886.	24462.	3021.
382.2762	280.	39762.	37002.	24758.	3078.
382.6685	300.	39032.	36907.	24865.	2971.

383.0608	238.	39776.	37601.	25676.	2941.
383.4530	283.	39306.	37610.	25766.	2979.
383.8452	311.	39373.	37708.	26424.	3004.
384.2374	279.	39490.	37784.	26848.	2930.
384.6296	259.	39441.	37787.	27261.	2999.
385.0217	257.	39299.	37942.	28015.	2863.
385.4138	310.	39466.	37833.	28300.	2936.
385.8059	259.	39753.	38420.	29069.	2894.
386.1980	285.	39360.	38210.	29589.	3015.
386.5900	260.	39976.	38529.	29966.	3000.
386.9820	244.	40159.	38657.	30104.	2975.
387.3740	309.	40636.	39178.	30674.	2892.
387.7659	274.	40148.	38855.	31430.	2884.
388.1579	274.	39805.	39072.	31927.	2983.
388.5498	276.	40239.	38766.	32579.	2895.
388.9417	301.	40169.	38914.	32673.	2991.
389.3335	294.	40319.	38946.	33201.	2968.
389.7253	286.	39983.	38533.	34064.	2931.
390.1171	283.	39964.	38851.	34483.	2886.
390.5089	294.	40358.	39129.	34491.	2934.
390.9007	259.	40541.	39410.	34783.	2913.
391.2924	300.	40163.	39408.	34974.	2953.
391.6841	257.	40459.	39148.	35771.	3006.
392.0758	298.	40409.	39094.	36124.	2860.
392.4674	307.	40389.	38819.	36381.	2920.
392.8591	265.	40517.	39441.	36279.	2925.
393.2507	324.	40323.	39500.	35864.	2858.
393.6422	308.	40758.	39397.	36397.	2966.

394.0338	314.	40256.	39337.	36585.	2902.
394.4253	285.	40223.	38923.	37101.	2995.
394.8168	267.	40317.	39513.	36785.	2931.
395.2083	265.	40718.	39052.	37055.	3052.
395.5997	265.	40433.	39059.	36917.	2862.
395.9912	280.	40481.	38885.	37388.	3017.
396.3826	322.	41078.	38918.	36775.	2874.
396.7739	316.	40001.	38850.	36838.	2945.
397.1653	287.	39973.	38619.	36815.	2917.
397.5566	263.	40293.	38671.	36672.	2982.
397.9479	287.	40319.	38644.	36229.	3040.
398.3392	270.	40350.	38819.	35977.	2966.
398.7304	271.	40794.	38915.	36005.	3003.
399.1216	290.	39887.	38503.	35385.	2890.
399.5128	279.	40192.	38514.	34913.	2939.
399.9040	248.	40318.	38348.	35008.	3100.
400.2951	321.	40176.	37921.	34310.	3083.
400.6863	297.	39901.	37956.	33627.	3010.
401.0773	310.	40573.	37940.	33089.	3064.
401.4684	308.	40054.	38033.	33037.	3018.
401.8595	268.	40095.	37879.	32556.	2924.
402.2505	276.	40499.	37396.	32327.	2948.
402.6415	318.	40064.	37659.	31324.	2985.
403.0324	293.	40305.	37301.	30962.	2956.
403.4234	276.	40620.	37326.	30701.	3040.
403.8143	291.	39690.	36976.	30229.	3060.
404.2052	295.	40541.	37266.	29572.	3153.
404.5960	313.	39748.	37145.	28849.	3051.

404.9869	252.	39971.	36790.	28628.	2999.
405.3777	290.	40196.	36625.	27876.	3074.
405.7685	265.	40003.	36761.	27564.	2928.
406.1593	282.	39895.	36259.	26854.	3072.
406.5500	305.	39886.	36175.	26563.	3056.
406.9407	273.	39691.	36224.	25754.	3098.
407.3314	296.	39750.	35756.	25531.	3104.
407.7221	288.	40135.	36051.	25035.	3015.
408.1127	296.	39714.	35533.	24308.	3020.
408.5033	289.	39831.	35354.	24090.	3142.
408.8939	312.	39678.	35342.	23646.	3061.
409.2845	294.	39932.	35561.	23625.	3071.
409.6750	270.	39495.	35244.	23046.	3103.
410.0655	276.	40106.	35085.	22693.	3071.
410.4560	292.	40065.	34828.	22322.	3095.
410.8465	276.	40090.	34904.	22132.	3092.
411.2369	328.	39768.	34591.	21593.	3041.
411.6273	312.	39843.	34586.	21595.	3102.
412.0177	278.	39505.	34396.	20678.	3043.
412.4080	287.	39580.	34113.	20738.	3194.
412.7984	266.	39884.	34241.	20113.	3198.
413.1887	269.	39480.	34220.	20081.	3061.
413.5790	262.	39864.	33548.	19629.	3116.
413.9692	281.	39477.	33736.	19432.	3285.
414.3595	288.	39266.	33581.	19278.	3182.
414.7497	280.	39404.	33752.	18996.	3103.
415.1398	317.	39394.	33275.	18741.	3145.
415.5300	278.	39199.	33354.	18355.	3273.

415.9201	293.	38898.	33092.	18063.	3281.
416.3102	326.	38965.	32527.	17888.	3049.
416.7003	292.	39148.	32710.	17542.	3189.
417.0904	272.	39023.	32831.	17451.	3185.
417.4804	279.	39165.	32625.	17081.	3200.
417.8704	280.	38666.	32153.	16952.	3242.
418.2604	292.	38827.	32332.	16679.	3105.
418.6503	234.	38621.	32255.	16315.	3159.
419.0403	295.	38364.	32379.	16263.	3090.
419.4302	286.	38398.	32014.	16222.	3367.
419.8201	277.	38349.	31681.	16002.	3315.
420.2099	269.	38407.	31859.	15828.	3242.
420.5997	290.	38813.	31476.	15675.	3230.
420.9895	286.	38209.	31574.	15787.	3312.
421.3793	298.	38313.	31434.	15600.	3329.
421.7691	291.	38163.	31513.	15536.	3342.
422.1588	284.	37953.	31196.	15228.	3312.
422.5485	295.	38235.	31381.	15112.	3414.
422.9382	268.	37817.	31106.	15127.	3308.
423.3278	267.	37824.	30736.	14524.	3398.
423.7174	244.	37407.	30404.	14555.	3334.
424.1070	323.	37454.	30695.	14348.	3316.
424.4966	267.	37091.	30206.	14031.	3458.
424.8862	240.	36585.	29818.	13940.	3303.
425.2757	289.	36738.	29471.	13628.	3457.
425.6652	289.	36796.	29375.	13635.	3511.
426.0547	281.	36125.	29552.	13540.	3533.
426.4441	309.	36741.	29091.	13505.	3480.

426.8335	294.	36521.	29152.	13516.	3690.
427.2229	301.	36954.	29199.	13465.	3645.
427.6123	256.	36789.	29161.	13556.	3733.
428.0017	293.	36326.	29483.	13406.	3798.
428.3910	277.	36516.	29580.	13542.	3890.
428.7803	309.	37421.	29529.	13570.	3924.
429.1696	330.	36356.	29442.	13196.	3931.
429.5588	322.	37092.	30069.	13371.	4012.
429.9480	295.	37147.	29492.	13220.	4009.
430.3372	318.	36934.	29635.	13239.	4107.
430.7264	285.	37064.	29842.	13136.	4217.
431.1155	262.	36342.	29673.	13104.	4458.
431.5047	306.	37115.	29079.	13011.	4505.
431.8938	299.	36796.	29301.	13137.	4480.
432.2828	292.	36718.	29373.	12704.	4740.
432.6719	339.	36435.	28686.	12527.	4819.
433.0609	300.	36112.	29503.	12619.	4783.
433.4499	288.	36303.	28888.	12437.	4824.
433.8389	320.	36275.	29187.	12505.	4933.
434.2278	301.	36351.	29222.	12632.	5085.
434.6167	290.	36296.	28969.	12526.	5335.
435.0056	338.	35943.	28658.	12522.	5281.
435.3945	305.	36061.	29010.	12361.	5295.
435.7833	297.	36282.	28842.	12147.	5264.
436.1721	298.	35720.	28664.	12107.	5358.
436.5609	298.	35752.	28557.	12144.	5527.
436.9497	304.	35926.	28471.	12128.	5372.
437.3384	298.	35191.	28518.	11987.	5564.

437.7272	308.	35348.	28582.	11980.	5358.
438.1159	300.	35568.	28457.	11735.	5384.
438.5045	316.	35078.	28345.	11708.	5137.
438.8932	295.	35617.	28510.	11559.	5154.
439.2818	293.	35202.	28228.	11718.	5164.
439.6704	313.	35283.	28546.	11701.	5131.
440.0589	273.	35125.	28473.	11628.	4829.
440.4475	347.	35092.	28336.	11559.	4713.
440.8360	310.	35227.	28160.	11842.	4465.
441.2245	297.	34477.	27648.	11411.	4511.
441.6129	295.	34589.	28339.	11466.	4407.
442.0014	288.	34704.	27842.	11370.	4266.
442.3898	290.	34550.	27914.	11356.	4060.
442.7782	290.	34553.	28187.	11101.	4007.
443.1666	293.	34852.	27905.	11226.	3865.
443.5549	300.	34344.	27708.	11174.	3812.
443.9432	302.	34510.	27816.	11184.	3801.
444.3315	291.	34068.	27881.	10960.	3653.
444.7198	287.	34538.	27550.	10988.	3543.
445.1080	307.	34149.	27494.	11151.	3492.
445.4962	285.	34318.	27551.	10991.	3440.
445.8844	308.	34234.	27441.	11052.	3522.
446.2726	295.	34240.	27572.	11207.	3449.
446.6607	268.	33893.	28113.	10926.	3344.
447.0488	269.	34053.	27814.	10945.	3419.
447.4369	273.	34142.	27700.	11127.	3410.
447.8250	303.	33929.	27800.	10906.	3227.
448.2130	352.	33991.	27893.	11115.	3308.

448.6010	276.	33941.	27505.	10925.	3269.
448.9890	289.	33777.	27510.	10781.	3204.
449.3770	327.	33745.	27135.	10817.	3189.
449.7649	299.	33739.	27685.	10849.	3249.
450.1528	276.	33644.	27429.	10676.	3082.
450.5407	265.	33660.	27868.	10606.	3119.
450.9286	307.	33728.	27334.	10724.	3078.
451.3164	350.	33330.	27578.	10813.	3162.
451.7042	295.	33528.	27649.	10787.	3042.
452.0920	268.	33693.	27996.	10626.	3127.
452.4798	286.	33797.	27784.	10777.	3196.
452.8675	269.	33369.	27813.	10476.	3160.
453.2552	279.	33285.	27779.	10632.	3099.
453.6429	272.	33486.	27883.	10697.	2967.
454.0305	281.	33522.	28050.	10659.	3112.
454.4182	296.	32998.	27859.	10559.	3174.
454.8058	318.	33321.	27891.	10454.	3151.
455.1934	333.	33306.	28173.	10531.	3125.
455.5809	282.	33025.	27827.	10834.	3028.
455.9685	273.	33416.	27741.	10392.	3074.
456.3560	289.	33021.	27775.	10658.	3037.
456.7435	279.	33385.	27743.	10469.	3052.
457.1309	281.	33295.	28091.	10532.	3039.
457.5184	271.	32556.	27845.	10585.	3200.
457.9058	326.	33070.	28319.	10427.	3110.
458.2931	296.	32803.	27979.	10605.	2945.
458.6805	283.	32859.	27961.	10531.	2971.
459.0678	305.	32767.	27908.	10465.	2978.

459.4551	266.	33054.	28229.	10515.	2972.
459.8424	282.	32646.	28199.	10675.	3005.
460.2297	286.	32738.	28109.	10450.	3120.
460.6169	306.	32607.	28134.	10628.	2932.
461.0041	289.	32543.	27900.	10468.	3113.
461.3913	309.	32738.	28147.	10395.	3076.
461.7785	285.	32577.	27800.	10455.	3053.
462.1656	281.	32877.	28115.	10769.	3020.
462.5527	304.	32351.	28331.	10321.	2989.
462.9398	288.	32678.	28894.	10678.	2998.
463.3268	318.	32778.	28155.	10840.	3031.
463.7139	290.	32503.	28348.	10422.	3097.
464.1009	290.	32643.	28358.	10385.	3029.
464.4879	287.	32448.	28412.	10602.	2957.
464.8748	289.	32500.	28768.	10652.	2946.
465.2618	288.	32371.	28617.	10757.	2992.
465.6487	309.	32722.	28403.	10638.	2951.
466.0355	309.	32677.	28733.	10680.	2994.
466.4224	260.	32548.	28787.	10688.	2981.
466.8092	289.	32309.	28832.	10727.	2980.
467.1960	270.	32466.	28904.	10788.	3016.
467.5828	302.	32595.	28810.	10894.	3038.
467.9696	291.	32453.	28694.	10765.	2933.
468.3563	319.	32515.	29072.	10624.	3168.
468.7430	294.	32387.	29226.	10979.	3038.
469.1297	298.	32300.	29056.	10727.	3038.
469.5163	294.	32834.	28975.	10728.	3109.
469.9030	273.	32549.	29105.	11139.	3067.

470.2896	318.	32191.	29408.	10989.	3033.
470.6762	285.	32300.	29325.	10817.	3017.
471.0627	310.	32487.	29431.	11028.	2973.
471.4492	283.	32080.	29396.	11217.	2971.
471.8358	296.	32604.	29364.	11099.	3019.
472.2222	308.	32242.	29188.	11188.	3068.
472.6087	296.	32587.	29598.	11307.	3043.
472.9951	285.	32479.	29782.	10879.	3041.
473.3815	221.	32213.	29921.	11264.	3094.
473.7679	258.	32047.	30112.	11306.	3049.
474.1543	287.	32327.	29976.	11273.	3151.
474.5406	268.	32458.	29845.	11156.	3082.
474.9269	264.	32244.	30268.	11310.	2995.
475.3132	253.	32689.	30308.	11431.	3079.
475.6994	276.	32356.	30236.	11345.	2984.
476.0857	281.	32469.	30092.	11513.	3002.
476.4719	300.	32389.	30129.	11454.	3069.
476.8580	242.	32136.	30781.	11680.	3004.
477.2442	268.	32244.	30588.	11574.	3056.
477.6303	273.	32212.	30722.	11750.	2995.
478.0164	251.	32405.	30824.	11947.	3031.
478.4025	269.	32412.	30806.	11774.	2998.
478.7886	285.	32422.	30906.	11719.	2953.
479.1746	259.	32514.	31245.	12079.	3053.
479.5606	274.	32490.	31211.	12261.	3110.
479.9466	308.	32589.	31429.	12157.	3142.
480.3325	293.	32391.	31335.	12132.	2987.
480.7185	299.	32385.	31697.	12226.	3121.

481.1044	310.	32126.	31428.	12210.	3094.
481.4902	248.	32522.	31616.	12547.	3203.
481.8761	309.	32438.	32134.	12259.	3076.
482.2619	262.	32610.	31651.	12340.	3150.
482.6477	264.	32096.	31833.	12501.	3088.
483.0335	282.	32836.	32017.	12456.	3061.
483.4193	274.	32879.	32387.	12638.	3130.
483.8050	290.	32543.	32358.	12807.	3183.
484.1907	268.	32596.	32486.	12924.	3173.
484.5764	259.	32390.	32198.	12991.	2976.
484.9620	301.	32120.	32236.	12758.	2922.
485.3476	282.	32154.	31571.	12950.	3138.
485.7333	302.	32561.	31504.	13037.	3024.
486.1188	274.	32841.	31204.	13026.	3051.
486.5044	262.	32142.	31558.	13156.	2980.
486.8899	257.	32654.	31750.	13030.	3093.
487.2754	323.	32652.	32162.	13455.	2905.
487.6609	263.	32147.	32398.	13297.	3107.
488.0463	267.	32315.	32995.	13679.	3121.
488.4318	278.	32605.	33435.	14130.	3189.
488.8172	255.	32935.	33985.	14049.	3147.
489.2026	260.	32833.	33942.	14282.	3045.
489.5879	284.	32438.	33857.	14413.	3111.
489.9732	282.	32716.	33842.	14701.	3068.
490.3585	242.	32430.	34105.	14492.	3072.
490.7438	244.	32508.	34233.	14910.	3157.
491.1291	281.	32548.	34132.	14589.	3170.
491.5143	267.	32807.	34581.	15113.	3131.

491.8995	263.	32733.	34904.	15330.	3159.
492.2847	301.	33133.	34724.	15220.	3124.
492.6698	275.	32742.	34975.	15708.	3140.
493.0550	255.	32407.	35128.	15794.	3071.
493.4401	247.	32432.	35320.	15883.	3131.
493.8251	264.	32605.	35659.	16143.	3086.
494.2102	262.	33025.	35318.	16367.	3288.
494.5952	261.	32859.	35573.	16495.	3214.
494.9802	281.	33155.	35872.	16791.	3134.
495.3652	266.	33172.	35915.	16810.	3081.
495.7502	270.	32826.	36131.	17157.	3223.
496.1351	285.	32955.	35654.	17717.	3142.
496.5200	271.	32995.	36326.	17788.	3340.
496.9049	279.	33088.	36199.	17908.	3169.
497.2897	271.	33026.	36423.	18333.	3223.
497.6746	300.	32819.	36826.	18534.	3240.
498.0594	255.	33048.	36897.	18850.	3280.
498.4441	288.	33108.	36815.	19211.	3177.
498.8289	237.	32940.	36974.	19519.	3083.
499.2136	275.	32472.	37090.	19849.	3158.
499.5983	261.	33062.	36876.	19992.	3096.
499.9830	276.	33047.	36662.	20527.	3284.
500.3677	231.	33196.	37110.	20932.	3120.
500.7523	253.	32890.	37222.	21391.	3122.
501.1369	267.	32813.	37623.	21729.	3144.
501.5215	261.	32901.	37438.	22060.	3103.
501.9060	261.	32721.	37345.	22558.	3182.
502.2906	262.	33069.	37815.	22985.	3168.

502.6751	251.	32903.	37537.	23601.	3244.
503.0595	238.	33308.	38098.	24165.	3124.
503.4440	242.	33266.	37521.	24410.	3243.
503.8284	257.	33125.	38066.	24890.	3108.
504.2128	283.	33259.	38134.	25370.	3202.
504.5972	245.	32893.	37895.	25969.	3105.
504.9816	261.	33065.	38293.	26887.	3235.
505.3659	224.	32894.	38180.	27579.	3187.
505.7502	226.	33339.	38159.	28114.	3251.
506.1345	235.	32876.	37889.	28512.	3168.
506.5187	238.	33112.	38393.	29501.	3314.
506.9030	226.	33289.	38582.	29953.	3335.
507.2872	227.	33333.	37959.	30383.	3164.
507.6713	252.	33050.	38489.	30824.	3231.
508.0555	245.	33149.	38267.	31894.	3226.
508.4396	224.	33334.	38752.	32286.	3272.
508.8237	230.	33045.	38611.	33155.	3215.
509.2078	251.	33282.	38551.	33666.	3290.
509.5919	224.	33126.	38532.	33953.	3265.
509.9759	233.	33131.	38433.	35037.	3238.
510.3599	282.	33197.	38207.	35284.	3332.
510.7439	233.	32941.	38594.	36051.	3358.
511.1278	224.	33138.	38536.	36319.	3301.
511.5118	211.	33046.	38620.	37589.	3275.
511.8957	253.	33012.	38259.	37769.	3291.
512.2796	240.	33373.	38408.	38007.	3349.
512.6634	219.	32958.	38483.	38106.	3342.
513.0472	202.	33283.	37970.	38688.	3372.

513.4310	227.	33139.	38451.	38736.	3340.
513.8148	256.	33123.	38616.	39393.	3300.
514.1986	216.	33215.	38631.	39216.	3291.
514.5823	187.	32939.	38142.	39943.	3495.
514.9660	231.	33222.	38377.	39958.	3234.
515.3497	214.	33263.	38068.	40565.	3428.
515.7334	208.	32774.	38055.	40261.	3249.
516.1170	220.	32962.	37891.	40467.	3340.
516.5006	206.	32915.	37672.	40651.	3319.
516.8842	223.	33287.	37692.	41012.	3335.
517.2677	218.	33331.	37866.	40495.	3438.
517.6513	217.	32920.	38115.	40458.	3492.
518.0348	194.	33242.	37652.	40598.	3413.
518.4183	214.	33092.	37787.	40268.	3393.
518.8017	248.	33104.	37491.	40312.	3267.
519.1852	228.	33173.	37534.	39818.	3449.
519.5686	202.	32776.	37403.	39766.	3426.
519.9519	225.	32983.	37324.	39600.	3401.
520.3353	210.	32900.	37136.	38498.	3529.
520.7186	207.	32652.	37278.	39209.	3542.
521.1019	225.	33257.	37347.	38601.	3427.
521.4852	214.	32833.	37255.	38338.	3453.
521.8685	187.	33108.	37174.	37714.	3417.
522.2517	233.	33193.	36747.	37113.	3486.
522.6349	227.	32744.	36937.	36852.	3390.
523.0181	212.	33274.	37251.	36893.	3576.
523.4013	234.	32714.	36776.	35786.	3511.
523.7844	214.	33104.	36864.	35775.	3468.

524.1675	212.	32791.	36407.	35064.	3442.
524.5506	218.	32935.	36850.	34796.	3353.
524.9337	226.	33224.	36632.	34535.	3483.
525.3167	224.	32987.	36527.	34092.	3379.
525.6997	185.	33142.	36363.	33143.	3598.
526.0827	220.	33330.	36336.	33098.	3643.
526.4656	220.	33747.	36434.	32929.	3556.
526.8486	210.	33007.	36194.	32144.	3598.
527.2315	198.	33040.	35947.	31501.	3626.
527.6144	221.	33262.	35882.	31078.	3644.
527.9972	213.	33139.	35645.	30897.	3483.
528.3801	208.	32998.	35963.	30156.	3559.
528.7629	193.	32970.	35810.	29789.	3610.
529.1457	203.	33197.	35696.	29291.	3642.
529.5284	203.	32732.	35208.	28918.	3623.
529.9112	235.	33229.	35545.	28341.	3665.
530.2939	212.	33139.	35315.	28150.	3551.
530.6766	207.	33420.	35103.	27849.	3613.
531.0592	198.	32989.	35151.	27354.	3571.
531.4419	208.	33469.	34755.	26809.	3635.
531.8245	187.	33236.	35437.	26665.	3673.
532.2071	175.	33048.	34894.	26196.	3540.
532.5896	187.	33118.	34866.	25925.	3569.
532.9722	199.	33180.	34794.	25426.	3758.
533.3547	223.	33497.	34820.	24877.	3702.
533.7372	191.	33043.	34547.	24629.	3651.
534.1196	220.	33073.	34525.	24540.	3647.
534.5021	220.	33127.	34662.	24031.	3732.

534.8845	176.	33220.	34828.	23788.	3656.
535.2669	204.	33115.	34766.	23730.	3753.
535.6492	209.	33327.	34181.	23147.	3628.
536.0316	209.	33183.	34554.	22827.	3718.
536.4139	234.	33104.	34376.	22801.	3713.
536.7962	199.	33257.	34092.	22017.	3757.
537.1784	233.	33051.	34080.	22216.	3699.
537.5607	173.	33192.	34579.	21808.	3714.
537.9429	210.	33116.	33608.	21757.	3826.
538.3251	216.	32989.	34238.	21617.	3682.
538.7073	206.	33567.	33810.	21441.	3692.
539.0894	194.	33288.	33638.	21184.	3761.
539.4715	202.	33149.	33834.	20850.	3852.
539.8536	202.	33423.	33673.	20667.	3722.
540.2357	194.	33315.	33322.	20162.	3760.
540.6177	221.	33347.	33178.	20277.	3799.
540.9997	202.	33569.	33473.	19762.	3829.
541.3817	206.	33401.	32820.	19725.	3815.
541.7637	196.	33467.	33316.	19987.	3760.
542.1456	192.	33430.	33556.	19329.	3828.
542.5276	197.	33250.	32987.	18937.	3847.
542.9094	214.	33212.	33174.	19312.	3867.
543.2913	227.	33509.	33171.	18941.	3779.
543.6732	208.	33369.	32813.	18679.	3754.
544.0550	186.	33387.	32881.	18530.	3813.
544.4368	216.	33556.	32794.	18472.	3897.
544.8185	215.	33572.	33040.	18310.	4027.
545.2003	192.	33856.	32674.	17997.	3945.

545.5820	194.	33915.	32504.	17689.	3918.
545.9637	200.	33558.	32496.	18143.	3850.
546.3454	199.	33445.	32637.	17635.	3971.
546.7270	173.	33597.	32516.	17525.	3940.
547.1086	192.	33280.	32430.	17376.	3952.
547.4902	188.	33789.	32347.	17389.	3995.
547.8718	187.	33484.	32455.	17446.	4078.
548.2533	192.	33528.	32227.	17066.	4025.
548.6349	176.	33386.	31781.	16816.	4060.
549.0164	192.	33740.	32325.	16893.	4040.
549.3978	183.	33709.	32105.	16636.	4070.
549.7793	192.	33389.	32094.	16421.	4019.
550.1607	216.	33526.	32414.	16468.	4150.
550.5421	197.	33549.	32164.	16327.	3974.
550.9235	212.	33987.	32105.	16350.	4159.
551.3048	176.	33908.	31824.	16064.	4148.
551.6861	158.	33944.	32129.	16100.	4111.
552.0674	209.	33873.	31896.	15719.	4197.
552.4487	198.	33749.	32081.	15801.	4201.
552.8300	192.	33815.	31840.	15897.	4302.
553.2112	178.	33790.	31772.	15469.	4196.
553.5924	190.	34091.	31966.	15403.	4280.
553.9736	231.	33624.	31735.	15425.	4202.
554.3547	192.	33942.	31725.	15161.	4400.
554.7358	213.	34008.	31611.	15279.	4284.
555.1169	210.	34045.	31732.	15058.	4317.
555.4980	184.	33750.	31576.	15431.	4290.
555.8791	198.	34137.	31317.	15162.	4258.

556.2601	184.	34180.	31480.	15001.	4278.
556.6411	185.	34176.	31363.	15110.	4489.
557.0221	214.	34268.	31129.	14608.	4445.
557.4030	192.	33937.	31420.	14987.	4475.
557.7839	185.	34436.	31717.	14769.	4480.
558.1648	181.	33998.	31583.	15027.	4462.
558.5457	203.	33858.	31433.	14822.	4490.
558.9266	223.	34304.	31320.	14947.	4565.
559.3074	209.	34200.	31021.	14445.	4503.
559.6882	193.	33981.	31512.	14451.	4603.
560.0690	192.	33773.	31406.	14547.	4587.
560.4497	213.	34417.	31295.	14462.	4656.
560.8305	183.	34125.	31588.	14626.	4677.
561.2112	207.	33988.	31222.	14318.	4697.
561.5918	197.	34588.	31364.	14484.	4777.
561.9725	188.	33967.	31060.	14454.	4742.
562.3531	201.	34428.	31081.	14442.	4817.
562.7337	185.	34711.	31443.	14206.	4769.
563.1143	209.	33967.	31311.	14291.	4949.
563.4949	171.	34508.	31091.	14295.	4931.
563.8754	199.	34061.	31292.	13965.	4901.
564.2559	221.	34740.	31080.	14062.	4987.
564.6364	184.	34222.	31030.	14173.	4945.
565.0169	218.	34700.	31009.	14061.	4924.
565.3973	209.	34556.	30834.	13946.	4984.
565.7777	214.	34867.	31035.	13972.	4989.
566.1581	202.	34760.	30915.	14083.	5122.
566.5384	181.	34730.	31401.	13974.	4946.

566.9188	202.	35033.	31209.	14017.	5316.
567.2991	180.	34901.	31451.	13971.	5246.
567.6794	213.	34627.	30853.	13973.	5308.
568.0596	204.	35000.	30981.	13726.	5198.
568.4399	210.	35238.	31189.	13695.	5151.
568.8201	183.	34961.	31345.	13939.	5375.
569.2003	215.	35011.	30796.	13822.	5499.
569.5804	202.	35559.	31195.	13891.	5499.
569.9606	203.	35376.	31231.	13905.	5494.
570.3407	215.	35544.	31195.	13732.	5500.
570.7208	198.	35402.	31578.	13740.	5507.
571.1008	182.	35124.	31529.	13915.	5507.
571.4809	200.	35594.	31028.	13652.	5605.
571.8609	201.	35574.	31350.	13866.	5466.
572.2409	209.	35666.	31244.	13720.	5657.
572.6208	171.	35820.	31463.	13676.	5751.
573.0008	215.	35755.	31429.	13734.	5626.
573.3807	182.	35957.	31379.	13458.	5705.
573.7606	193.	35610.	31577.	13783.	5732.
574.1404	212.	35495.	31207.	13507.	5881.
574.5203	173.	35975.	31481.	13766.	5827.
574.9001	195.	35811.	31591.	13603.	5951.
575.2799	179.	35937.	31548.	13766.	5953.
575.6596	208.	36142.	31820.	13703.	5853.
576.0394	197.	36033.	31694.	13586.	5917.
576.4191	200.	36155.	31594.	13499.	6014.
576.7988	178.	36219.	31703.	13813.	6025.
577.1785	219.	36033.	31714.	13576.	5949.

577.5581	228.	36247.	31897.	13639.	5822.
577.9377	177.	36198.	31650.	13450.	6148.
578.3173	211.	36177.	31806.	13891.	6060.
578.6969	190.	36304.	31505.	13599.	6114.
579.0764	178.	36343.	31864.	13607.	6097.
579.4559	171.	36419.	31804.	13546.	6050.
579.8354	207.	36257.	31740.	13673.	6028.
580.2149	219.	36080.	31290.	13577.	6233.
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580.9738	178.	35829.	31562.	13825.	5922.
581.3532	221.	36264.	31480.	13654.	6030.
581.7325	201.	36632.	31776.	13606.	5796.
582.1119	183.	36644.	31926.	13679.	5961.
582.4912	188.	36530.	31929.	13572.	5806.
582.8705	175.	36733.	32412.	13720.	6133.
583.2498	221.	36868.	32218.	13572.	5764.
583.6290	172.	37140.	31905.	13590.	5787.
584.0083	191.	36916.	32221.	13691.	5818.
584.3875	184.	37344.	32565.	13807.	5671.
584.7666	202.	37108.	32275.	13816.	5631.
585.1458	189.	36954.	32386.	13542.	5613.
585.5249	186.	37029.	32244.	13624.	5404.
585.9040	180.	37390.	32871.	13881.	5546.
586.2831	200.	37206.	33017.	13654.	5415.
586.6621	164.	37067.	32572.	13787.	5308.
587.0412	215.	37361.	32684.	14018.	5093.
587.4202	184.	37583.	32838.	13858.	5081.
587.7991	208.	37480.	33092.	13988.	5054.

588.1781	215.	37632.	33381.	13710.	5132.
588.5570	175.	37921.	33225.	13822.	4862.
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589.3148	211.	37906.	33254.	13901.	4863.
589.6937	203.	37608.	33387.	14130.	4824.
590.0725	191.	37790.	33283.	13780.	4735.
590.4513	183.	37767.	33519.	14204.	4678.
590.8301	169.	38061.	33741.	14016.	4740.
591.2088	173.	38162.	34034.	14021.	4543.
591.5876	197.	38342.	33867.	13912.	4327.
591.9663	175.	38062.	34134.	14177.	4391.
592.3450	204.	38362.	33961.	14306.	4143.
592.7236	156.	38305.	34253.	14042.	4214.
593.1023	199.	38855.	34326.	14385.	4129.
593.4809	212.	38492.	34413.	14592.	3937.
593.8594	191.	38690.	34554.	14426.	4009.
594.2380	182.	38998.	34808.	14604.	3904.
594.6165	190.	38613.	34378.	14559.	3807.
594.9951	200.	38893.	35100.	14751.	3783.
595.3735	212.	38698.	34867.	14583.	3670.
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596.1304	186.	39075.	35394.	14864.	3643.
596.5088	214.	39392.	35710.	14781.	3733.
596.8872	168.	39007.	35619.	15033.	3560.
597.2656	190.	39313.	35483.	14985.	3563.
597.6439	182.	39382.	36049.	14904.	3531.
598.0223	177.	39559.	35855.	14945.	3423.
598.4005	182.	39317.	36141.	15126.	3416.

598.7788	210.	39219.	36251.	15389.	3330.
599.1570	212.	39584.	36120.	15394.	3355.
599.5353	211.	39607.	36634.	15713.	3244.
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600.2916	207.	39399.	36681.	15539.	3197.
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601.0479	200.	39508.	37143.	15875.	3213.
601.4260	195.	40205.	37545.	15803.	3167.
601.8040	196.	39380.	37800.	16122.	3187.
602.1821	236.	40432.	37369.	16069.	3085.
602.5601	170.	40208.	37330.	16210.	3052.
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603.3161	210.	40157.	37612.	16586.	3032.
603.6940	205.	39870.	38243.	16528.	2960.
604.0719	193.	40097.	38245.	16756.	2935.
604.4498	174.	40070.	38192.	17085.	3113.
604.8277	181.	39902.	38604.	17003.	3007.
605.2055	197.	40595.	38875.	17333.	3011.
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607.4721	207.	40177.	39789.	18441.	2808.
607.8498	178.	40521.	40263.	18309.	2907.
608.2274	218.	40135.	40280.	18811.	2837.
608.6051	170.	40435.	40444.	19002.	2923.
608.9827	157.	40070.	40347.	19022.	2759.

609.3602	173.	40520.	40691.	19035.	2778.
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611.2478	209.	40725.	42017.	20349.	2805.
611.6252	200.	40686.	41844.	20640.	2675.
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612.3800	198.	40922.	42222.	20942.	2799.
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613.1347	199.	40772.	42781.	21699.	2646.
613.5120	217.	40655.	42667.	22120.	2774.
613.8893	212.	40600.	43299.	22358.	2680.
614.2665	186.	40681.	43295.	22808.	2710.
614.6438	185.	40976.	43316.	23179.	2708.
615.0210	177.	40872.	43229.	22963.	2774.
615.3982	233.	40584.	43928.	23525.	2749.
615.7753	181.	40759.	43908.	23994.	2593.
616.1524	199.	40567.	44306.	24071.	2607.
616.5296	193.	40884.	44051.	24738.	2563.
616.9066	199.	40810.	44359.	24895.	2685.
617.2837	199.	40773.	44868.	25399.	2618.
617.6607	185.	40668.	44653.	25544.	2511.
618.0378	183.	40516.	44827.	26219.	2562.
618.4148	188.	40550.	45625.	26822.	2483.
618.7917	177.	40428.	45256.	26814.	2592.
619.1687	192.	40595.	45311.	27658.	2507.
619.5456	184.	40527.	45424.	27485.	2536.

619.9225	197.	40315.	45920.	28356.	2608.
620.2993	182.	40254.	45324.	28627.	2623.
620.6762	170.	40178.	46053.	29261.	2564.
621.0530	207.	40124.	45821.	29495.	2608.
621.4298	195.	40190.	45582.	30245.	2339.
621.8066	195.	40196.	46141.	30539.	2512.
622.1833	197.	40619.	46296.	31306.	2538.
622.5600	176.	40134.	46592.	31676.	2473.
622.9367	229.	40214.	46672.	32498.	2442.
623.3134	194.	40031.	46473.	33242.	2508.
623.6900	180.	40092.	46730.	33282.	2433.
624.0667	191.	40060.	46831.	33785.	2495.
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624.8198	165.	39617.	46960.	35378.	2531.
625.1964	200.	39971.	46461.	35814.	2467.
625.5729	188.	39731.	46983.	36387.	2475.
625.9494	178.	39548.	47212.	37125.	2486.
626.3259	227.	39742.	47052.	37712.	2428.
626.7023	189.	39524.	47037.	38288.	2556.
627.0787	179.	39261.	47124.	39299.	2411.
627.4551	196.	39472.	47059.	39906.	2450.
627.8315	172.	39107.	47167.	40671.	2457.
628.2079	216.	39390.	47133.	40916.	2383.
628.5842	187.	39059.	47474.	41860.	2516.
628.9605	187.	38888.	47252.	42376.	2436.
629.3368	163.	39048.	47133.	42702.	2328.
629.7130	201.	39138.	47479.	43273.	2485.
630.0893	207.	38571.	47321.	44626.	2430.

630.4655	201.	38748.	47004.	45047.	2464.
630.8417	183.	38522.	47308.	45614.	2479.
631.2178	182.	38629.	47096.	46266.	2377.
631.5940	190.	38153.	46921.	47040.	2500.
631.9701	179.	38405.	47332.	47752.	2385.
632.3461	191.	38385.	46446.	48033.	2546.
632.7222	224.	38305.	46783.	48973.	2379.
633.0982	204.	37954.	47083.	49408.	2432.
633.4742	171.	38468.	46524.	50337.	2501.
633.8502	212.	38069.	46744.	50606.	2397.
634.2262	192.	37864.	46540.	50826.	2415.
634.6021	180.	38268.	46223.	51494.	2470.
634.9780	190.	37843.	46252.	52153.	2438.
635.3539	190.	37546.	46051.	52075.	2435.
635.7298	208.	37853.	45751.	52450.	2359.
636.1056	184.	37926.	45771.	52972.	2513.
636.4815	192.	37509.	45730.	53537.	2409.
636.8572	182.	37168.	45310.	53405.	2488.
637.2330	165.	37158.	45536.	53854.	2309.
637.6088	191.	37378.	45017.	53710.	2317.
637.9845	204.	36885.	44799.	54234.	2380.
638.3602	200.	37203.	45275.	53951.	2299.
638.7358	167.	36972.	44797.	54266.	2467.
639.1115	165.	36786.	45287.	54418.	2368.
639.4871	203.	36889.	44413.	54591.	2327.
639.8627	197.	36985.	44272.	54002.	2390.
640.2383	202.	36813.	44092.	54003.	2432.
640.6138	182.	36866.	43877.	53544.	2502.

640.9893	198.	36482.	43553.	54188.	2393.
641.3648	180.	35882.	43673.	53373.	2338.
641.7403	182.	35992.	43238.	53259.	2503.
642.1158	202.	36130.	43166.	53051.	2343.
642.4912	183.	36333.	43135.	52579.	2369.
642.8666	171.	36082.	42973.	52479.	2464.
643.2420	193.	35582.	42522.	52246.	2482.
643.6173	217.	35997.	42316.	51147.	2414.
643.9926	189.	35755.	42360.	51028.	2335.
644.3679	183.	35713.	41906.	50145.	2353.
644.7432	191.	35790.	42014.	50395.	2342.
645.1185	237.	35404.	41664.	49542.	2354.
645.4937	206.	35515.	41029.	48805.	2401.
645.8689	195.	35383.	40808.	48646.	2403.
646.2441	158.	35521.	40755.	47678.	2473.
646.6192	175.	34991.	40923.	47029.	2413.
646.9944	176.	34645.	40042.	46530.	2385.
647.3695	223.	35164.	40356.	45838.	2404.
647.7446	186.	34851.	40224.	45222.	2446.
648.1196	196.	34377.	39630.	44917.	2483.
648.4947	196.	34634.	39265.	44160.	2444.
648.8697	183.	34404.	39702.	43963.	2392.
649.2447	194.	34127.	39435.	43001.	2354.
649.6196	220.	34297.	38885.	42325.	2536.
649.9946	194.	34106.	38926.	41928.	2378.
650.3695	203.	33996.	38654.	41354.	2478.
650.7444	204.	34075.	38548.	40769.	2424.
651.1192	214.	34501.	38322.	39808.	2406.

651.4941	206.	34138.	37867.	39224.	2415.
651.8689	181.	33990.	37786.	38739.	2316.
652.2437	194.	33896.	37631.	37678.	2457.
652.6184	181.	33817.	37306.	37619.	2409.
652.9932	221.	33913.	37269.	36965.	2441.
653.3679	214.	33643.	36915.	36682.	2442.
653.7426	218.	33511.	36466.	36219.	2492.
654.1173	189.	33408.	36725.	35342.	2410.
654.4919	211.	33548.	36488.	34919.	2430.
654.8665	194.	33414.	36264.	34402.	2408.
655.2411	185.	33149.	35996.	33812.	2369.
655.6157	228.	32921.	35749.	33119.	2248.
655.9902	209.	33264.	35343.	32609.	2438.
656.3648	189.	32848.	35592.	32352.	2434.
656.7393	173.	32536.	35236.	31685.	2345.
657.1137	213.	32794.	34683.	31105.	2329.
657.4882	176.	32730.	34647.	30967.	2419.
657.8626	175.	32568.	34516.	30318.	2322.
658.2370	188.	32331.	34290.	29636.	2363.
658.6114	215.	32092.	34288.	29458.	2418.
658.9857	200.	32597.	33775.	29153.	2290.
659.3601	172.	32197.	33699.	28535.	2399.
659.7344	175.	32515.	33657.	28284.	2347.
660.1086	202.	32180.	33428.	28097.	2280.
660.4829	180.	31840.	33186.	27419.	2459.
660.8571	215.	32627.	33075.	26963.	2393.
661.2313	191.	31986.	33328.	26724.	2387.
661.6055	183.	32000.	33062.	26574.	2407.

661.9797	209.	31826.	32857.	25975.	2416.
662.3538	163.	31933.	32527.	25606.	2347.
662.7279	212.	31769.	32595.	25490.	2312.
663.1020	183.	31984.	32279.	24843.	2370.
663.4761	183.	31756.	31902.	24713.	2387.
663.8501	211.	31846.	32107.	24462.	2406.
664.2241	225.	31548.	31813.	24085.	2412.
664.5981	201.	31453.	31638.	23650.	2379.
664.9721	191.	31469.	31444.	23725.	2278.
665.3460	196.	31617.	31649.	23163.	2476.
665.7199	189.	31339.	30879.	22663.	2282.
666.0938	178.	31872.	30923.	22615.	2306.
666.4677	210.	31259.	30843.	22300.	2408.
666.8415	170.	30990.	30341.	21914.	2332.
667.2153	232.	30897.	30347.	21976.	2356.
667.5891	194.	31116.	30333.	21501.	2424.
667.9629	233.	31174.	30038.	21047.	2326.
668.3366	191.	30970.	29687.	21094.	2309.
668.7104	198.	30694.	30028.	21007.	2374.
669.0841	199.	30892.	29671.	20495.	2320.
669.4577	237.	30473.	29847.	20009.	2231.
669.8314	202.	31270.	29242.	20096.	2349.
670.2050	194.	30577.	29370.	19673.	2236.
670.5786	218.	30719.	29185.	19718.	2282.
670.9522	204.	30749.	28785.	19186.	2145.
671.3257	160.	30368.	28954.	19266.	2337.
671.6993	223.	30671.	28723.	18836.	2194.
672.0728	175.	30311.	28879.	18557.	2242.

672.4462	192.	30225.	28483.	18592.	2288.
672.8197	191.	30599.	28376.	18469.	2261.
673.1931	213.	30191.	28148.	18150.	2287.
673.5665	191.	30453.	27949.	18027.	2317.
673.9399	189.	30198.	28425.	17581.	2312.
674.3133	206.	30014.	27856.	17582.	2281.
674.6866	192.	30417.	27288.	17514.	2174.
675.0599	198.	29874.	27956.	17458.	2166.
675.4332	223.	30114.	27648.	17042.	2290.
675.8064	226.	30139.	27106.	16905.	2303.
676.1797	221.	29720.	27279.	16654.	2230.
676.5529	208.	29879.	26938.	16462.	2328.
676.9261	217.	30034.	27113.	16169.	2237.
677.2992	188.	29738.	26766.	16135.	2129.
677.6724	217.	29507.	26931.	16077.	2209.
678.0455	205.	29346.	26681.	15993.	2233.
678.4186	198.	29747.	26516.	15747.	2182.
678.7916	200.	29442.	26245.	15564.	2246.
679.1647	193.	29657.	26323.	15510.	2171.
679.5377	186.	29465.	26528.	15427.	2261.
679.9107	224.	29844.	26234.	15234.	2246.
680.2837	164.	29479.	26209.	15286.	2280.
680.6566	220.	29360.	26292.	14887.	2156.
681.0295	188.	29271.	26082.	14827.	2295.
681.4024	184.	29526.	25573.	14622.	2200.
681.7753	170.	29187.	26117.	14654.	2244.
682.1481	224.	29236.	25647.	14467.	2132.
682.5210	212.	29317.	25397.	14309.	2139.

682.8938	218.	28848.	25678.	14169.	2162.
683.2665	242.	29038.	24934.	13926.	2163.
683.6393	181.	29134.	25031.	14103.	2133.
684.0120	209.	29248.	25259.	13826.	2176.
684.3847	183.	28966.	24803.	13768.	2145.
684.7574	222.	28724.	25031.	13429.	2136.
685.1300	223.	28697.	24933.	13456.	2215.
685.5027	214.	28847.	24841.	13416.	2211.
685.8753	209.	29054.	25074.	13370.	2196.
686.2479	203.	28635.	25005.	13232.	2162.
686.6204	201.	28763.	24373.	13255.	2230.
686.9929	202.	28845.	24762.	12931.	2155.
687.3655	185.	28716.	24455.	12893.	2129.
687.7379	164.	28290.	24414.	12727.	2194.
688.1104	209.	28507.	24231.	12713.	2107.
688.4828	216.	28478.	24334.	12644.	2196.
688.8552	195.	28328.	24108.	12527.	2223.
689.2276	195.	28283.	23812.	12389.	2179.
689.6000	192.	28350.	24016.	12634.	2138.
689.9723	194.	28363.	24094.	12329.	2103.
690.3446	194.	28300.	23692.	12391.	2107.
690.7169	213.	28469.	23924.	12227.	2189.
691.0892	196.	28017.	23321.	12070.	2109.
691.4614	242.	28126.	23660.	11991.	2213.
691.8337	212.	28109.	23625.	11916.	2153.
692.2059	201.	28006.	23383.	11607.	2209.
692.5780	220.	27963.	23476.	11781.	2134.
692.9502	205.	28196.	23561.	11511.	2109.

693.3223	187.	28032.	23341.	11515.	2155.
693.6944	200.	28149.	23505.	11535.	2181.
694.0665	212.	27858.	22985.	11380.	2058.
694.4385	178.	27849.	23165.	11450.	2201.
694.8105	221.	27777.	22834.	11309.	2082.
695.1825	239.	27852.	22908.	11118.	2098.
695.5545	179.	27685.	22797.	11158.	2060.
695.9265	197.	27826.	23090.	11015.	2176.
696.2984	172.	27444.	22720.	10848.	2110.
696.6703	180.	27189.	22894.	10928.	2107.
697.0422	251.	27779.	22581.	10785.	2159.
697.4140	198.	27632.	22354.	10834.	2142.
697.7858	194.	27167.	22333.	10724.	2145.
698.1577	193.	27499.	22561.	10741.	2087.
698.5294	211.	27475.	21952.	10588.	2050.
698.9012	180.	27229.	22220.	10323.	2062.
699.2729	166.	27319.	22218.	10459.	2147.
699.6446	207.	27261.	22085.	10156.	2109.
700.0163	167.	27559.	22099.	10070.	2074.
700.3880	195.	27139.	22325.	10334.	2107.
700.7596	212.	27327.	22252.	10303.	2004.
701.1312	211.	27201.	22021.	10126.	2111.
701.5028	206.	27092.	21926.	9990.	2080.
701.8744	215.	26806.	21788.	9817.	2177.
702.2459	205.	26936.	21610.	9703.	2147.
702.6174	237.	27145.	21817.	9843.	2016.
702.9889	194.	27030.	21541.	9754.	2178.
703.3604	209.	26568.	21373.	9701.	1988.

703.7318	221.	27119.	21651.	9628.	2075.
704.1033	233.	26877.	21366.	9461.	2030.
704.4747	192.	26857.	21464.	9703.	2064.
704.8460	215.	27125.	21500.	9462.	2035.
705.2174	224.	26783.	21541.	9268.	2079.
705.5887	179.	26455.	21269.	9311.	2057.
705.9600	194.	26572.	20839.	9390.	2175.
706.3313	195.	26662.	21329.	9345.	2106.
706.7025	193.	26493.	21102.	9202.	2055.
707.0737	177.	26506.	21254.	9338.	2017.
707.4450	243.	26662.	20870.	9111.	2012.
707.8161	184.	26224.	20906.	8952.	2069.
708.1873	204.	26355.	20976.	9104.	2126.
708.5584	182.	26549.	20957.	8914.	2030.
708.9295	199.	26354.	20799.	8773.	2140.
709.3006	219.	26467.	20611.	8789.	2147.
709.6717	234.	26193.	20920.	8707.	2023.
710.0427	215.	26256.	21066.	8688.	2064.
710.4137	200.	26212.	20642.	8618.	1990.
710.7847	192.	25865.	20484.	8333.	1996.
711.1556	222.	26060.	20665.	8575.	2101.
711.5266	187.	25829.	20256.	8219.	2014.
711.8975	203.	25936.	20621.	8307.	2072.
712.2684	233.	26129.	20847.	8487.	2058.
712.6392	210.	25693.	20398.	8322.	1995.
713.0101	200.	25815.	20582.	8137.	2048.
713.3809	206.	25533.	20206.	8217.	1958.
713.7517	197.	25869.	20237.	8117.	2029.

714.1225	224.	25769.	20241.	8196.	2086.
714.4932	195.	25902.	20105.	8169.	2027.
714.8639	242.	25516.	20202.	7954.	1997.
715.2346	240.	25915.	20065.	8008.	2060.
715.6053	237.	25821.	20211.	7824.	2060.
715.9759	222.	25865.	20122.	7893.	2018.
716.3466	204.	25206.	19864.	7738.	1995.
716.7172	198.	25723.	19865.	7650.	2075.
717.0877	200.	25405.	19732.	7793.	2095.
717.4583	222.	25688.	19915.	7679.	2061.
717.8288	168.	24956.	19798.	7660.	2039.
718.1993	235.	25292.	19962.	7650.	2034.
718.5698	231.	25137.	19858.	7521.	2092.
718.9403	231.	25050.	20048.	7490.	1978.
719.3107	242.	25155.	19914.	7329.	2043.
719.6811	226.	25401.	19584.	7405.	2082.
720.0515	196.	25409.	19534.	7717.	2047.
720.4218	213.	25111.	19494.	7213.	1999.
720.7922	252.	24908.	19396.	7385.	2015.
721.1625	243.	24662.	19369.	7237.	2020.
721.5328	214.	24963.	19417.	7321.	1973.
721.9030	203.	24981.	19230.	7042.	2015.
722.2733	175.	24657.	19202.	7163.	1930.
722.6435	207.	24639.	19378.	7046.	2015.
723.0137	185.	24494.	19234.	7087.	2037.
723.3838	208.	24746.	19345.	6976.	1971.
723.7540	208.	24661.	19138.	6853.	2117.
724.1241	219.	24768.	19046.	6806.	2029.

724.4942	189.	24567.	18880.	6868.	2012.
724.8642	185.	24649.	18964.	6964.	2041.
725.2343	214.	24723.	19056.	6735.	2034.
725.6043	213.	24421.	19057.	6915.	2009.
725.9743	222.	24155.	19045.	6660.	2016.
726.3443	232.	24466.	18717.	6771.	1960.
726.7142	221.	24085.	18822.	6685.	1938.
727.0842	200.	24081.	18672.	6755.	1972.
727.4541	199.	24119.	18712.	6745.	1981.
727.8239	207.	24042.	18566.	6820.	1863.
728.1938	191.	23927.	18557.	6668.	2065.
728.5636	182.	24373.	18645.	6706.	2019.
728.9334	217.	23780.	18407.	6526.	1993.
729.3032	187.	23924.	18497.	6538.	1958.
729.6730	202.	23915.	18202.	6573.	1980.
730.0427	196.	24039.	18589.	6446.	1928.
730.4124	191.	23908.	18157.	6536.	1947.
730.7821	180.	23953.	18492.	6322.	1969.
731.1517	220.	23760.	18417.	6452.	1884.
731.5214	209.	23526.	18349.	6359.	1942.
731.8910	220.	24005.	18419.	6361.	1916.
732.2606	196.	23781.	18254.	6482.	1894.
732.6301	211.	23847.	18216.	6309.	1968.
732.9997	192.	23688.	18212.	6369.	1965.
733.3692	184.	23502.	18040.	6244.	1962.
733.7387	198.	23303.	18039.	6233.	1838.
734.1082	184.	23615.	18068.	6110.	2008.
734.4776	208.	23161.	18000.	6400.	2000.

734.8470	211.	23253.	18061.	6105.	1942.
735.2164	191.	23372.	17936.	6068.	2033.
735.5858	205.	23061.	17868.	6073.	1901.
735.9551	207.	23021.	17806.	6183.	1840.
736.3245	239.	23375.	17654.	6108.	1971.
736.6938	209.	23203.	17715.	6240.	1918.
737.0630	187.	23401.	17631.	5971.	1927.
737.4323	189.	23496.	17470.	6009.	1921.
737.8015	222.	22969.	17686.	6020.	1957.
738.1707	213.	23235.	17665.	6004.	1964.
738.5399	212.	22679.	17724.	6142.	1956.
738.9091	216.	23070.	17719.	5862.	1981.
739.2782	216.	22981.	17564.	5884.	1965.
739.6473	211.	22825.	17430.	5888.	1942.
740.0164	213.	22734.	17512.	5858.	1963.
740.3854	220.	22707.	17583.	5704.	1919.
740.7545	203.	22677.	17353.	5926.	2014.
741.1235	172.	22528.	17377.	5777.	2027.
741.4925	220.	22525.	17283.	5747.	1961.
741.8614	212.	22123.	17100.	5719.	1934.
742.2304	204.	22283.	17014.	5752.	1933.
742.5993	206.	22168.	17199.	5715.	1925.
742.9682	204.	21904.	16668.	5664.	1927.
743.3371	234.	22015.	16667.	5616.	2016.
743.7059	196.	21826.	16841.	5797.	1936.
744.0747	217.	22105.	16745.	5547.	1950.
744.4435	220.	22105.	17011.	5857.	1927.
744.8123	190.	22245.	17001.	5642.	1870.

745.1810	207.	22033.	16920.	5588.	1899.
745.5498	201.	22379.	16839.	5528.	1927.
745.9185	222.	21938.	16765.	5713.	1942.
746.2871	188.	22451.	16959.	5744.	1877.
746.6558	194.	21886.	16619.	5546.	1853.
747.0244	226.	22016.	17028.	5443.	1979.
747.3930	215.	22179.	16883.	5691.	1947.
747.7616	181.	21801.	16864.	5748.	1942.
748.1302	253.	21732.	16945.	5701.	1912.
748.4987	242.	21975.	16855.	5528.	1942.
748.8672	191.	21916.	16607.	5581.	1906.
749.2357	213.	21865.	16609.	5574.	2021.
749.6041	193.	21835.	16517.	5543.	1978.
749.9726	198.	21683.	16499.	5538.	1932.
750.3410	187.	21716.	16591.	5370.	1857.
750.7094	176.	21374.	16621.	5592.	1974.
751.0777	210.	21711.	16480.	5488.	1926.
751.4461	206.	21812.	16822.	5457.	1938.
751.8144	195.	21868.	16523.	5567.	1952.
752.1827	213.	21444.	16552.	5443.	1844.
752.5510	253.	21589.	16953.	5462.	1951.
752.9192	182.	21790.	16615.	5392.	1918.
753.2874	233.	21801.	16530.	5524.	1904.
753.6556	240.	20963.	16532.	5439.	1871.
754.0238	214.	21560.	16398.	5473.	2018.
754.3919	201.	21263.	16126.	5436.	1951.
754.7601	219.	21337.	16450.	5501.	1969.
755.1282	190.	21230.	16108.	5329.	1949.

755.4962	221.	21135.	16420.	5430.	2026.
755.8643	222.	21546.	16119.	5407.	1890.
756.2323	199.	21139.	16557.	5563.	1919.
756.6003	215.	21466.	16389.	5414.	1938.
756.9683	227.	21093.	16393.	5465.	2016.
757.3363	260.	21080.	16143.	5455.	1826.
757.7042	198.	21161.	16425.	5340.	1919.
758.0721	194.	21135.	16382.	5234.	2002.
758.4400	221.	20879.	16374.	5539.	1905.
758.8078	190.	21148.	16130.	5483.	1972.
759.1757	223.	20775.	16306.	5500.	1918.
759.5435	212.	20987.	15845.	5330.	1970.
759.9113	188.	20936.	15943.	5471.	1950.
760.2791	201.	20861.	16316.	5299.	1859.
760.6468	217.	20764.	16157.	5357.	1878.
761.0145	209.	20488.	15989.	5334.	1967.
761.3822	215.	20516.	16210.	5398.	1910.
761.7499	188.	21003.	16071.	5386.	1941.
762.1175	246.	20707.	15929.	5360.	1921.
762.4851	213.	20663.	15929.	5454.	1993.
762.8527	191.	20841.	16160.	5321.	1949.
763.2203	181.	20631.	16066.	5420.	1987.
763.5879	225.	20572.	15846.	5345.	1942.
763.9554	197.	20446.	15845.	5489.	1953.
764.3229	225.	20349.	16045.	5322.	1940.
764.6904	203.	20306.	15707.	5394.	2001.
765.0578	190.	20550.	15955.	5308.	1934.
765.4253	204.	20351.	15814.	5284.	1963.

765.7927	182.	20268.	15749.	5456.	2051.
766.1600	230.	20306.	15897.	5370.	2061.
766.5274	221.	20006.	16005.	5434.	1971.
766.8947	220.	20161.	15923.	5364.	1890.
767.2620	205.	20214.	15885.	5281.	1951.
767.6293	230.	20328.	15825.	5481.	1903.
767.9966	224.	20143.	15822.	5384.	1897.
768.3638	202.	20163.	15573.	5427.	1878.
768.7311	226.	20295.	15787.	5484.	1977.
769.0982	222.	20370.	15718.	5486.	1991.
769.4654	206.	19990.	15705.	5485.	1930.
769.8326	218.	19739.	15946.	5412.	1974.
770.1997	238.	19700.	15564.	5362.	1942.
770.5668	214.	20217.	15722.	5433.	1930.
770.9338	240.	19859.	15824.	5505.	1983.
771.3009	190.	19734.	15516.	5374.	2039.
771.6679	187.	19864.	15695.	5414.	1980.
772.0349	238.	19957.	15626.	5471.	1956.
772.4019	198.	19622.	15551.	5454.	1944.
772.7688	266.	19792.	15457.	5589.	1995.
773.1358	246.	19985.	15535.	5303.	1913.
773.5027	214.	19599.	15501.	5588.	1942.
773.8696	190.	19862.	15494.	5453.	1936.
774.2364	237.	19507.	15445.	5569.	1983.
774.6032	207.	19719.	15561.	5444.	1955.
774.9701	220.	19428.	15487.	5370.	1960.
775.3368	172.	19630.	15399.	5546.	1961.
775.7036	218.	19717.	15481.	5547.	1973.

776.0703	235.	19138.	15481.	5579.	1993.
776.4371	215.	19551.	15375.	5379.	1974.
776.8037	208.	19597.	15583.	5458.	1936.
777.1704	206.	19276.	15303.	5515.	2009.
777.5371	229.	19371.	15479.	5517.	2035.
777.9037	204.	19258.	15345.	5474.	2048.
778.2703	199.	19276.	15285.	5561.	1844.
778.6368	168.	19429.	15554.	5605.	1901.
779.0034	227.	19219.	15302.	5538.	1949.
779.3699	187.	19107.	15435.	5658.	1933.
779.7364	195.	19184.	15406.	5597.	1965.
780.1029	211.	19450.	15361.	5569.	1960.
780.4693	223.	19003.	15259.	5530.	1929.
780.8358	238.	19260.	15263.	5576.	1879.
781.2022	230.	19147.	15298.	5710.	1926.
781.5685	186.	18940.	15464.	5501.	1913.
781.9349	211.	18878.	15515.	5550.	1961.
782.3012	245.	19252.	15172.	5597.	1929.
782.6675	168.	18857.	15403.	5694.	1905.
783.0338	222.	18973.	15071.	5670.	1943.
783.4001	235.	18788.	15099.	5655.	1971.
783.7663	222.	19018.	15185.	5565.	1915.
784.1325	222.	18796.	15261.	5719.	1953.
784.4987	193.	19020.	15226.	5526.	1930.
784.8649	204.	19141.	15259.	5697.	1905.
785.2310	200.	19042.	15080.	5634.	1896.
785.5972	192.	18610.	15088.	5672.	1988.
785.9632	194.	18816.	15254.	5681.	1982.

786.3293	227.	18680.	15117.	5800.	1962.
786.6954	193.	18584.	15252.	5672.	1914.
787.0614	222.	18497.	15035.	5771.	1966.
787.4274	214.	18786.	15185.	5655.	1956.
787.7934	193.	18488.	15107.	5824.	2009.
788.1593	184.	18857.	15080.	5606.	1930.
788.5252	213.	18645.	15003.	5679.	1947.
788.8911	228.	18601.	14921.	5693.	1975.
789.2570	213.	18329.	15212.	5676.	1991.
789.6229	211.	18274.	15352.	5668.	2031.
789.9887	207.	18404.	15059.	5796.	2004.
790.3545	229.	18693.	15044.	5742.	2035.
790.7203	225.	18459.	14976.	5653.	1917.
791.0861	240.	18455.	15173.	5834.	1939.
791.4518	212.	18562.	14918.	5782.	1941.
791.8175	184.	18570.	14938.	5817.	1884.
792.1832	205.	18519.	15003.	5661.	1962.
792.5489	217.	18261.	14893.	5657.	1967.
792.9145	184.	18530.	14931.	5770.	1943.
793.2801	181.	18323.	14982.	5646.	1990.
793.6457	183.	18066.	15081.	5657.	1975.
794.0113	239.	18163.	14793.	5651.	1903.
794.3768	214.	18418.	14744.	5835.	1930.
794.7424	255.	18020.	14988.	5778.	1875.
795.1079	197.	18157.	14683.	5673.	1941.
795.4733	233.	18157.	14666.	5702.	1919.
795.8388	213.	18191.	14817.	5592.	1922.
796.2042	211.	18038.	14765.	5726.	1892.

796.5696	206.	18136.	15000.	5579.	1969.
796.9350	236.	18181.	14759.	5727.	1980.
797.3003	209.	17740.	14715.	5569.	1889.
797.6657	240.	17995.	14799.	5658.	1923.
798.0310	206.	18069.	14634.	5571.	2069.
798.3963	197.	17619.	14738.	5697.	1976.
798.7615	177.	17906.	14783.	5659.	1935.
799.1268	258.	18211.	14588.	5727.	2025.
799.4920	217.	17940.	15035.	5751.	1968.
799.8572	202.	17854.	14597.	5674.	1995.
800.2223	208.	17641.	14550.	5636.	1979.
800.5875	186.	17817.	14480.	5654.	1939.
800.9526	230.	17666.	14371.	5699.	1983.
801.3177	226.	17864.	14755.	5652.	1921.
801.6828	265.	17675.	14454.	5426.	1961.
802.0478	206.	17616.	14619.	5736.	1965.
802.4128	223.	17653.	14557.	5462.	1925.
802.7778	251.	17789.	14441.	5551.	1977.
803.1428	228.	17688.	14489.	5648.	1973.
803.5078	215.	17459.	14605.	5445.	1922.
803.8727	211.	17792.	14403.	5591.	1935.
804.2376	203.	17363.	14372.	5346.	1939.
804.6025	222.	17853.	14537.	5605.	1860.
804.9673	189.	17485.	14312.	5488.	1957.
805.3322	209.	17656.	14560.	5488.	1938.
805.6970	181.	17348.	14061.	5602.	1986.
806.0618	236.	17463.	14507.	5422.	1958.
806.4265	197.	17329.	14088.	5398.	1933.

806.7913	213.	17629.	14314.	5473.	1954.
807.1560	200.	17303.	14233.	5400.	1933.
807.5207	221.	17421.	14348.	5337.	1854.
807.8853	203.	17321.	14217.	5365.	1970.
808.2500	232.	17277.	13971.	5403.	1837.
808.6146	226.	17498.	14325.	5285.	1901.
808.9792	213.	17360.	14295.	5451.	1916.
809.3438	204.	17223.	14305.	5493.	1938.
809.7083	237.	17335.	14208.	5301.	1935.
810.0728	231.	17477.	14216.	5419.	1940.
810.4373	196.	17561.	13868.	5269.	1954.
810.8018	217.	17352.	14063.	5365.	1874.
811.1663	219.	17308.	13935.	5404.	1923.
811.5307	185.	17181.	13873.	5283.	1807.
811.8951	188.	17035.	14181.	5246.	1894.
812.2595	206.	17242.	13866.	5277.	1939.
812.6238	192.	17213.	13998.	5131.	1878.
812.9882	211.	16970.	13925.	5171.	1949.
813.3525	226.	17148.	14011.	5192.	1888.
813.7168	214.	17081.	13859.	5149.	2034.
814.0810	210.	17086.	13794.	5339.	2000.
814.4453	237.	16930.	13904.	5106.	1858.
814.8095	238.	17113.	13931.	5233.	1861.
815.1737	224.	16901.	13885.	5269.	1913.
815.5379	209.	17132.	13865.	5205.	1986.
815.9020	210.	16867.	13859.	5216.	1962.
816.2661	210.	16766.	13878.	5017.	1945.
816.6302	205.	16862.	13587.	5065.	1917.

816.9943	198.	16681.	13783.	4790.	1857.
817.3583	190.	17178.	13625.	4902.	1853.
817.7224	208.	16886.	13649.	4926.	1912.
818.0864	178.	16670.	13474.	4982.	1983.
818.4504	192.	16894.	13766.	5059.	1895.
818.8143	208.	17103.	13848.	5005.	1953.
819.1782	208.	16828.	13649.	4913.	1807.
819.5422	179.	16720.	13730.	4819.	1976.
819.9060	197.	16899.	13770.	4906.	1845.
820.2699	233.	16861.	13392.	4861.	1864.
820.6337	220.	16798.	13626.	4797.	1871.
820.9975	205.	16455.	13262.	4868.	1836.
821.3613	201.	16562.	13151.	4845.	1895.
821.7251	195.	16158.	13143.	4809.	1936.
822.0888	201.	16421.	13456.	4785.	1933.
822.4526	213.	16323.	13330.	4778.	1918.
822.8163	229.	16584.	13165.	4922.	1851.
823.1799	213.	16861.	13252.	4797.	1887.
823.5436	217.	16472.	13418.	4895.	1904.
823.9072	191.	16648.	13478.	4742.	1938.
824.2708	199.	16590.	13348.	4725.	1840.
824.6344	221.	16652.	13531.	4754.	1948.
824.9979	192.	16694.	13258.	4806.	1943.
825.3615	216.	16681.	13170.	4638.	1879.
825.7250	199.	16654.	13290.	4819.	1814.
826.0884	197.	16715.	13142.	4752.	1968.
826.4519	190.	16458.	13054.	4697.	1928.
826.8153	225.	16484.	13108.	4734.	1891.

827.1787	217.	16718.	13213.	4573.	1903.
827.5421	204.	16504.	13033.	4764.	1840.
827.9055	207.	16296.	13041.	4713.	1856.
828.2688	207.	16312.	13027.	4682.	1921.
828.6322	182.	16557.	12989.	4694.	1880.
828.9954	215.	16532.	13233.	4643.	1895.
829.3587	183.	16192.	13218.	4772.	1870.
829.7220	193.	16346.	13172.	4609.	1888.
830.0852	205.	16273.	13128.	4579.	1972.
830.4484	205.	16282.	13009.	4590.	1870.
830.8116	213.	16247.	12760.	4614.	1934.
831.1747	172.	16445.	13045.	4579.	1873.
831.5378	204.	16051.	12983.	4680.	1930.
831.9009	197.	16150.	12787.	4588.	1896.
832.2640	178.	16036.	12812.	4599.	1949.
832.6271	209.	15997.	12679.	4447.	1847.
832.9901	204.	15977.	12608.	4538.	1853.
833.3531	177.	15833.	12749.	4621.	1840.
833.7161	209.	15915.	12800.	4620.	1896.
834.0791	201.	16059.	12551.	4557.	1867.
834.4420	184.	16187.	12628.	4419.	1957.
834.8049	226.	16164.	12630.	4395.	1947.
835.1678	189.	15881.	12770.	4449.	1905.
835.5307	164.	16153.	12645.	4464.	1943.
835.8935	221.	16105.	12710.	4498.	1915.
836.2563	198.	15643.	12527.	4509.	1919.
836.6191	156.	15841.	12747.	4308.	1928.
836.9819	196.	16044.	12477.	4418.	1894.

837.3447	234.	15927.	12584.	4286.	1851.
837.7074	221.	15876.	12351.	4474.	1971.
838.0701	235.	15985.	12503.	4446.	1883.
838.4328	189.	15908.	12394.	4330.	1932.
838.7954	210.	15578.	12437.	4513.	1872.
839.1580	191.	15911.	12269.	4420.	1853.
839.5206	149.	15728.	12437.	4480.	1876.
839.8832	204.	15909.	12320.	4276.	1887.
840.2458	207.	15485.	12346.	4231.	1919.
840.6083	228.	15560.	12386.	4225.	1850.
840.9708	172.	15857.	12447.	4374.	1809.
841.3333	232.	15513.	12136.	4329.	1903.
841.6958	152.	15559.	12301.	4394.	1904.
842.0582	227.	15775.	12065.	4141.	1916.
842.4207	161.	15626.	12544.	4249.	1918.
842.7831	163.	15725.	12173.	4263.	1903.
843.1454	200.	15602.	12047.	4238.	1833.
843.5078	159.	15664.	12152.	4318.	1882.
843.8701	198.	15628.	12198.	4209.	1828.
844.2324	184.	15536.	12032.	4171.	1946.
844.5947	169.	15422.	12053.	4361.	1971.
844.9569	185.	15371.	12150.	4222.	1816.
845.3192	222.	15410.	11856.	4229.	1885.
845.6814	186.	15473.	12068.	4183.	1870.
846.0435	219.	15278.	12012.	4263.	1835.
846.4057	159.	15471.	11728.	4318.	1864.
846.7678	207.	15645.	11749.	4201.	1910.
847.1299	176.	15327.	12052.	4177.	1945.

847.4920	176.	15315.	11759.	4243.	1787.
847.8541	171.	15235.	11886.	4130.	1877.
848.2161	202.	15303.	11776.	4195.	1862.
848.5782	206.	15241.	11652.	4136.	1891.
848.9402	229.	15300.	11639.	4129.	1880.
849.3021	188.	15229.	11875.	4041.	1917.
849.6641	202.	15094.	11486.	4231.	1944.
850.0260	158.	15210.	11733.	4068.	1933.
850.3879	186.	15311.	11934.	4214.	1893.
850.7498	210.	15033.	11795.	4165.	1944.
851.1116	214.	15040.	11628.	4088.	1933.
851.4734	202.	15248.	11648.	4071.	1893.
851.8353	167.	15272.	11710.	4087.	1940.
852.1970	178.	15038.	11610.	4167.	1939.
852.5588	201.	14907.	11489.	3984.	1833.
852.9205	168.	15068.	11783.	3895.	1973.
853.2822	193.	14935.	11408.	3963.	1899.
853.6439	181.	14969.	11514.	4190.	1923.
854.0056	205.	14853.	11746.	3942.	1899.
854.3672	190.	15088.	11395.	4194.	1922.
854.7288	204.	14802.	11409.	3945.	1949.
855.0904	178.	14705.	11406.	3874.	1946.
855.4520	216.	14815.	11331.	4050.	1881.
855.8136	204.	14803.	11257.	4016.	1929.
856.1751	146.	14944.	11365.	3966.	1916.
856.5366	154.	14809.	11111.	3938.	1877.
856.8981	201.	14487.	11026.	4099.	1859.
857.2595	188.	14740.	11459.	3953.	1928.

857.6209	191.	14750.	11124.	3929.	1985.
857.9823	188.	14662.	11394.	3972.	1943.
858.3437	162.	14470.	11186.	4096.	1880.
858.7051	180.	14550.	11199.	3842.	1890.
859.0664	197.	14510.	11221.	3913.	1812.
859.4277	191.	14581.	11074.	4037.	1921.
859.7890	187.	14658.	10995.	3886.	1864.
860.1503	209.	14704.	10941.	3931.	1913.
860.5115	157.	14722.	11315.	3898.	1914.
860.8727	179.	14359.	11107.	3917.	1951.
861.2339	188.	14319.	10714.	3828.	1891.
861.5951	212.	14536.	10976.	3791.	1913.
861.9562	188.	14537.	10757.	4052.	1815.
862.3174	193.	14423.	10972.	3798.	1897.
862.6785	145.	14485.	10997.	3874.	1921.
863.0395	196.	14308.	10969.	3871.	1929.
863.4006	220.	14404.	10686.	3778.	1917.
863.7616	193.	14218.	10756.	3894.	1882.
864.1226	198.	14552.	10804.	3791.	1856.
864.4836	190.	14534.	10639.	3852.	1849.
864.8446	190.	14366.	10966.	3743.	1904.
865.2055	188.	14450.	10573.	3791.	1876.
865.5664	193.	14614.	10625.	3678.	1960.
865.9273	163.	14355.	10799.	3795.	1893.
866.2882	172.	14390.	10751.	3745.	1910.
866.6490	153.	14312.	10619.	3727.	1892.
867.0098	164.	14295.	10741.	3852.	1948.
867.3706	199.	14384.	10530.	3757.	1953.

867.7314	187.	14265.	10750.	3804.	1854.
868.0921	189.	14266.	10432.	3792.	1839.
868.4528	196.	14255.	10442.	3696.	1926.
868.8135	161.	14049.	10648.	3710.	1857.
869.1742	143.	14345.	10549.	3642.	1904.
869.5349	177.	14089.	10399.	3720.	1839.
869.8955	165.	14002.	10428.	3619.	1848.
870.2561	149.	14092.	10507.	3745.	1905.
870.6167	170.	14163.	10608.	3647.	1842.
870.9772	207.	14123.	10513.	3685.	1935.
871.3378	177.	13968.	10079.	3739.	1793.
871.6983	185.	14245.	10374.	3678.	1842.
872.0588	143.	14205.	10269.	3571.	1901.
872.4192	178.	13984.	10212.	3652.	1873.
872.7797	182.	14047.	10131.	3620.	1877.
873.1401	188.	14052.	10482.	3665.	1851.
873.5005	157.	13822.	10389.	3531.	1881.
873.8609	157.	14018.	10276.	3618.	1909.
874.2212	159.	13719.	10274.	3646.	1850.
874.5815	180.	13940.	10281.	3526.	1931.
874.9418	157.	13818.	10007.	3569.	1767.
875.3021	184.	13712.	9985.	3538.	1964.
875.6624	153.	13612.	10054.	3659.	1911.
876.0226	160.	13399.	9950.	3561.	1863.
876.3828	189.	13664.	9963.	3660.	1931.
876.7430	177.	13678.	10111.	3481.	1858.
877.1031	178.	13713.	10066.	3506.	1911.
877.4633	173.	13850.	9963.	3458.	1812.

877.8234	170.	13740.	9853.	3479.	1925.
878.1835	187.	13675.	9872.	3534.	1980.
878.5435	180.	13880.	9943.	3461.	1799.
878.9036	176.	13641.	9925.	3540.	1867.
879.2636	210.	13594.	9754.	3520.	1861.
879.6236	142.	13669.	10167.	3484.	1857.
879.9836	141.	13476.	9757.	3530.	1743.
880.3435	188.	13722.	9682.	3479.	1857.
880.7034	170.	13612.	9549.	3409.	1743.
881.0633	157.	13404.	9704.	3476.	1857.
881.4232	173.	13475.	9732.	3383.	1743.
881.7831	156.	13323.	9678.	3456.	1857.
882.1429	161.	13451.	9758.	3451.	1857.
882.5027	174.	13467.	9619.	3452.	1743.
882.8625	170.	13439.	9497.	3422.	1857.
883.2223	177.	13540.	9547.	3375.	1852.
883.5820	167.	13278.	9703.	3348.	1900.
883.9417	172.	13431.	9351.	3420.	1919.
884.3014	171.	13655.	9641.	3304.	1953.
884.6611	176.	13285.	9519.	3380.	1841.
885.0207	158.	13338.	9799.	3428.	1875.
885.3803	154.	13207.	9417.	3394.	1905.
885.7399	164.	13340.	9646.	3455.	1864.
886.0995	174.	13210.	9500.	3177.	1903.
886.4590	178.	13395.	9622.	3274.	1902.
886.8186	164.	13449.	9508.	3504.	1792.
887.1781	177.	13163.	9449.	3320.	1863.
887.5376	181.	13429.	9449.	3277.	1855.

887.8970	161.	13191.	9527.	3307.	1843.
888.2564	190.	13194.	9165.	3336.	1907.
888.6159	166.	13077.	9453.	3361.	1916.
888.9752	155.	13151.	9331.	3388.	1898.
889.3346	170.	13326.	9357.	3339.	1876.
889.6939	158.	13220.	9389.	3302.	1735.
890.0533	170.	13261.	9270.	3258.	1899.
890.4125	158.	13062.	9240.	3218.	1984.
890.7718	179.	13088.	9281.	3308.	1905.
891.1311	132.	13162.	9229.	3229.	1879.
891.4903	177.	13090.	9224.	3145.	1861.
891.8495	143.	13219.	9096.	3286.	1853.
892.2087	163.	13024.	9203.	3273.	1822.
892.5678	164.	12988.	9287.	3391.	1884.
892.9269	171.	13105.	9161.	3222.	1871.
893.2860	165.	13102.	9132.	3228.	1873.
893.6451	179.	12950.	9161.	3245.	1859.
894.0042	157.	13176.	9021.	3207.	1940.
894.3632	174.	12953.	9189.	3232.	1806.
894.7222	162.	13088.	9110.	3217.	1851.
895.0812	151.	12846.	8990.	3197.	1830.
895.4402	183.	12763.	8836.	3116.	1855.
895.7991	151.	12792.	8806.	3243.	1856.
896.1580	190.	13049.	9023.	3111.	1847.
896.5169	180.	12787.	9072.	3146.	1883.
896.8758	134.	12761.	8784.	3166.	1869.
897.2347	170.	13001.	8849.	3254.	1812.
897.5935	193.	12814.	9073.	3085.	1806.

897.9523	168.	12878.	8934.	3210.	1856.
898.3111	165.	12684.	9002.	3159.	1798.
898.6698	157.	12824.	8819.	3197.	1793.
899.0285	181.	12881.	8920.	3282.	1896.
899.3872	155.	13011.	8827.	3197.	1925.
899.7459	142.	12794.	8661.	3154.	1859.
900.1046	161.	12632.	8830.	3179.	1892.
900.4632	154.	12575.	8858.	3198.	1897.
900.8218	147.	12793.	8766.	3089.	1847.
901.1804	132.	12836.	8560.	3120.	1891.
901.5390	168.	12713.	8766.	3005.	1767.
901.8975	171.	12736.	8796.	3080.	1844.
902.2561	150.	12564.	8704.	3243.	1855.
902.6146	168.	12740.	8559.	3190.	1830.
902.9730	143.	12254.	8575.	3131.	1774.
903.3315	169.	12962.	8658.	3127.	1926.
903.6899	159.	12656.	8664.	3182.	1896.
904.0483	112.	12743.	8598.	3216.	1870.
904.4067	149.	12736.	8403.	3155.	1844.
904.7651	154.	12492.	8493.	3141.	1838.
905.1234	144.	12754.	8594.	3221.	1937.
905.4817	150.	12603.	8604.	3165.	1823.
905.8400	149.	12501.	8231.	3098.	1892.
906.1982	171.	12521.	8609.	3034.	1861.
906.5565	162.	12502.	8542.	3110.	1919.
906.9147	150.	12521.	8474.	3091.	1899.
907.2729	142.	12684.	8569.	2969.	1810.
907.6311	136.	12435.	8443.	2995.	1836.

907.9892	139.	12384.	8452.	3197.	1813.
908.3473	179.	12661.	8451.	3052.	1879.
908.7054	138.	12620.	8563.	3080.	1791.
909.0635	132.	12499.	8395.	3142.	1912.
909.4216	151.	12190.	8509.	2960.	1880.
909.7796	162.	12559.	8505.	3026.	1870.
910.1376	158.	12320.	8303.	3053.	1784.
910.4956	155.	12555.	8265.	2952.	1888.
910.8535	144.	12208.	8339.	2977.	1783.
911.2115	133.	12638.	8393.	2932.	1805.
911.5694	107.	12501.	8310.	3051.	1808.
911.9273	137.	12519.	8317.	2977.	1855.
912.2852	117.	12369.	8348.	2953.	1807.
912.6430	151.	12239.	8280.	3010.	1899.
913.0008	138.	12364.	8183.	3005.	1830.
913.3586	132.	12388.	8262.	3036.	1850.
913.7164	145.	12134.	8298.	3012.	1826.
914.0741	157.	12373.	8281.	2903.	1867.
914.4319	157.	12239.	8090.	2833.	1842.
914.7896	176.	12275.	8261.	3003.	1802.
915.1472	141.	12246.	8063.	2881.	1951.
915.5049	164.	12372.	8307.	2975.	1754.
915.8625	153.	12235.	7993.	2844.	1884.
916.2201	142.	12377.	8123.	2895.	1714.
916.5777	133.	12131.	7955.	2836.	1870.
916.9353	150.	12156.	8182.	2797.	1877.
917.2928	178.	12280.	8022.	2936.	1888.
917.6504	110.	12222.	8029.	2940.	1831.

918.0079	131.	12358.	7899.	2833.	1812.
918.3653	168.	12187.	7981.	3000.	1856.
918.7228	143.	12189.	8020.	2947.	1959.
919.0802	142.	12062.	8059.	2860.	1828.
919.4376	148.	12036.	7972.	2891.	1883.
919.7950	121.	12315.	8137.	2963.	1895.
920.1523	117.	12014.	7796.	2839.	1803.
920.5097	144.	12084.	8005.	2953.	1850.
920.8670	143.	11902.	7819.	2807.	1830.
921.2242	130.	12141.	7842.	2768.	1890.
921.5815	165.	12002.	7834.	2817.	1790.
921.9387	162.	11906.	7908.	2843.	1820.
922.2960	143.	12099.	7939.	2779.	1885.
922.6532	126.	11998.	8015.	2837.	1831.
923.0103	117.	11901.	7765.	2835.	1807.
923.3675	146.	12099.	7730.	2838.	1899.
923.7246	143.	11944.	7832.	2799.	1914.
924.0817	123.	12013.	7750.	2837.	1898.
924.4388	121.	12110.	8065.	2735.	1808.
924.7958	135.	11869.	7830.	2688.	1847.
925.1528	139.	12130.	8038.	2771.	1857.
925.5098	129.	11773.	7815.	2728.	1860.
925.8668	122.	11971.	7561.	2824.	1866.
926.2238	114.	11972.	7946.	2698.	1723.
926.5807	82.	11055.	7062.	2214.	1860.
926.9376	124.	11954.	7817.	2745.	1866.
927.2945	137.	12116.	7684.	2673.	1723.
927.6514	140.	11676.	7517.	2625.	1752.

928.0082	125.	11967.	7508.	2710.	1829.
928.3650	134.	11780.	7636.	2669.	1870.
928.7218	157.	11655.	7427.	2647.	1923.
929.0786	150.	11742.	7421.	2606.	1804.
929.4354	128.	11912.	7541.	2563.	1821.
929.7921	129.	11622.	7445.	2739.	1770.
930.1488	123.	11720.	7415.	2654.	1849.
930.5055	125.	11773.	7382.	2637.	1775.
930.8621	172.	11652.	7627.	2658.	1879.
931.2188	160.	11697.	7612.	2622.	1835.
931.5754	130.	11943.	7519.	2548.	1834.
931.9319	120.	11924.	7432.	2701.	1870.
932.2885	113.	11696.	7506.	2601.	1846.
932.6451	133.	11586.	7570.	2672.	1856.
933.0016	125.	11722.	7423.	2534.	1948.
933.3581	117.	11800.	7571.	2633.	1868.
933.7145	143.	11691.	7493.	2709.	1787.
934.0710	131.	11805.	7257.	2574.	1904.
934.4274	142.	11782.	7600.	2500.	1898.
934.7838	148.	11615.	7476.	2612.	1813.
935.1402	146.	11627.	7376.	2589.	1804.
935.4965	137.	11392.	7204.	2626.	1843.
935.8529	117.	11762.	7405.	2497.	1895.
936.2092	147.	11589.	7354.	2492.	1838.
936.5655	111.	11669.	7308.	2416.	1800.
936.9217	102.	11567.	7378.	2574.	1852.
937.2780	119.	11468.	7230.	2521.	1822.
937.6342	132.	11709.	7072.	2480.	1846.

937.9904	127.	11595.	7085.	2442.	1900.
938.3465	134.	11637.	7172.	2534.	1905.
938.7027	135.	11583.	7250.	2454.	1876.
939.0588	136.	11410.	7297.	2496.	1850.
939.4149	140.	11517.	7189.	2446.	1872.
939.7710	138.	11533.	7155.	2385.	1827.
940.1270	130.	11443.	7064.	2395.	1799.
940.4830	145.	11345.	7029.	2520.	1901.
940.8391	140.	11398.	7137.	2334.	1840.
941.1950	141.	11493.	7213.	2443.	1830.
941.5510	145.	11309.	6988.	2449.	1816.
941.9069	136.	11906.	7158.	2429.	1849.
942.2628	122.	11258.	7155.	2382.	1849.
942.6187	134.	11335.	7108.	2416.	1905.
942.9746	129.	11468.	7016.	2346.	1871.
943.3304	153.	11368.	7030.	2444.	1798.
943.6863	124.	11589.	7040.	2413.	1874.
944.0421	120.	11299.	6954.	2352.	1922.
944.3978	132.	11468.	7082.	2397.	1849.
944.7536	106.	11258.	7105.	2427.	1905.
945.1093	118.	11219.	7151.	2363.	1882.
945.4650	135.	11242.	6955.	2316.	1798.
945.8207	144.	11353.	7123.	2438.	1761.
946.1764	109.	11360.	7121.	2387.	1898.
946.5320	126.	11414.	6959.	2349.	1837.
946.8876	130.	11068.	6963.	2288.	1882.
947.2432	141.	11432.	7056.	2317.	1890.
947.5988	109.	11288.	6849.	2333.	1825.

947.9543	134.	11366.	6961.	2261.	1882.
948.3098	121.	11312.	6796.	2330.	1893.
948.6653	130.	11236.	7119.	2355.	1884.
949.0208	117.	11342.	6931.	2235.	1904.
949.3762	142.	11195.	7090.	2199.	1810.
949.7317	138.	11388.	6891.	2428.	1870.
950.0871	134.	11261.	6774.	2280.	1898.
950.4424	143.	11283.	6983.	2249.	1891.
950.7978	84.	11558.	6924.	2271.	1840.
951.1531	107.	11261.	6968.	2280.	1836.
951.5084	120.	11059.	6883.	2296.	1842.
951.8637	86.	11311.	6881.	2322.	1850.
952.2190	133.	11259.	6770.	2260.	1850.
952.5742	127.	11141.	6803.	2340.	1878.
952.9294	140.	11174.	6798.	2248.	1820.
953.2846	124.	11099.	6804.	2262.	1837.
953.6398	105.	11309.	6685.	2255.	1776.
953.9950	141.	11268.	6656.	2251.	1857.
954.3501	104.	11027.	6680.	2130.	1877.
954.7052	121.	11072.	6881.	2158.	1931.
955.0603	103.	10953.	6792.	2211.	1857.
955.4153	117.	11023.	6758.	2201.	1878.
955.7703	120.	11327.	6621.	2174.	1867.
956.1254	115.	10981.	6635.	2195.	1856.
956.4803	105.	11003.	6611.	2080.	1985.
956.8353	152.	11037.	6615.	2153.	1864.
957.1902	135.	11003.	6672.	2203.	1908.
957.5452	117.	10952.	6657.	2129.	1883.

957.9001	104.	11010.	6665.	2073.	1853.
958.2549	124.	11029.	6698.	2057.	1936.
958.6098	104.	11179.	6681.	2184.	1893.
958.9646	118.	11092.	6593.	2129.	1937.
959.3194	109.	11114.	6589.	2041.	1838.
959.6742	114.	10926.	6696.	2083.	1847.
960.0289	107.	10986.	6473.	2172.	1962.
960.3837	115.	11137.	6489.	2154.	1985.
960.7384	121.	11198.	6656.	2192.	1841.
961.0930	121.	10972.	6521.	2158.	1946.
961.4477	103.	10651.	6327.	2127.	1843.
961.8024	114.	10804.	6661.	2033.	1829.
962.1570	111.	10993.	6618.	2045.	1884.
962.5116	145.	10969.	6481.	2182.	1849.
962.8661	114.	10819.	6509.	2105.	1956.
963.2207	133.	10949.	6347.	2104.	1840.
963.5752	136.	10660.	6472.	1997.	1883.
963.9297	121.	10902.	6396.	2114.	1927.
964.2842	95.	10834.	6396.	2103.	1987.
964.6386	108.	10861.	6482.	2035.	1822.
964.9931	121.	10860.	6443.	2067.	1918.
965.3475	115.	10744.	6361.	2135.	1821.
965.7019	119.	10906.	6531.	1987.	1921.
966.0562	106.	10811.	6482.	2091.	1977.
966.4106	114.	10933.	6508.	2025.	1914.
966.7649	119.	10879.	6331.	1948.	1905.
967.1192	138.	10791.	6299.	2015.	1896.
967.4734	132.	10726.	6301.	2088.	1929.

967.8277	103.	10741.	6338.	2095.	1950.
968.1819	121.	10897.	6421.	2009.	1851.
968.5361	124.	10704.	6310.	2025.	1858.
968.8903	121.	10872.	6312.	1985.	1907.
969.2444	86.	10733.	6283.	2004.	1887.
969.5986	134.	10744.	6301.	2015.	1883.
969.9527	120.	10681.	6289.	2027.	1851.
970.3067	109.	10753.	6315.	1902.	1921.
970.6608	115.	10590.	6144.	1768.	1685.
971.0148	103.	10693.	6149.	1949.	1909.
971.3689	124.	11023.	6173.	1942.	1980.
971.7229	114.	10576.	6160.	2011.	1898.
972.0768	118.	10531.	6259.	1942.	1987.
972.4308	137.	10879.	6308.	1988.	1914.
972.7847	121.	10714.	6262.	1974.	1952.
973.1386	109.	10747.	6301.	1895.	1769.
973.4925	104.	10518.	6260.	1898.	1876.
973.8463	105.	10591.	6116.	1944.	1920.
974.2001	128.	10857.	6227.	1919.	1902.
974.5540	128.	10555.	6259.	1915.	1904.
974.9077	117.	10621.	6339.	1929.	2026.
975.2615	134.	10528.	6238.	1897.	1966.
975.6152	126.	10573.	6076.	2018.	1979.
975.9690	130.	10281.	6224.	1892.	2046.
976.3226	127.	10672.	6067.	1924.	1894.
976.6763	125.	10354.	6199.	1869.	1933.
977.0300	128.	10686.	6074.	1850.	1954.
977.3836	120.	10341.	6098.	1862.	1954.

977.7372	131.	10325.	6141.	1862.	1911.
978.0908	112.	10376.	6065.	1913.	1978.
978.4443	108.	10425.	6033.	1893.	1932.
978.7978	136.	10675.	6071.	1939.	1925.
979.1513	94.	10543.	6023.	1884.	1981.
979.5048	144.	10595.	6166.	1869.	1888.
979.8583	133.	10583.	6111.	1863.	1980.
980.2117	123.	10393.	6033.	1892.	1934.
980.5651	137.	10602.	5890.	1864.	2017.
980.9185	115.	10580.	6008.	1965.	2034.
981.2719	119.	10654.	6042.	1833.	1930.
981.6253	124.	10374.	6041.	1865.	1944.
981.9786	114.	10376.	6060.	1787.	1933.
982.3319	103.	10640.	6005.	1809.	2005.
982.6852	146.	10373.	5925.	1905.	1979.
983.0384	143.	10435.	5979.	1916.	1982.
983.3916	109.	10439.	6016.	1773.	1900.
983.7448	116.	10303.	5882.	1816.	1888.
984.0980	140.	10341.	5910.	1857.	1908.
984.4512	127.	10519.	5908.	1751.	2023.
984.8043	105.	10063.	5919.	1771.	1932.
985.1574	117.	10367.	6037.	1844.	1903.
985.5105	112.	10251.	5677.	1863.	1928.
985.8636	143.	10277.	5992.	1802.	1869.
986.2167	127.	10358.	5918.	1799.	1995.
986.5697	115.	10214.	5945.	1862.	1901.
986.9227	107.	10345.	5834.	1822.	1853.
987.2757	157.	10025.	5862.	1833.	2016.

987.6286	107.	10355.	5899.	1894.	1964.
987.9815	142.	10018.	6072.	1809.	2002.
988.3345	104.	10221.	5916.	1768.	1920.
988.6873	119.	10281.	5735.	1775.	1882.
989.0402	114.	10237.	5862.	1844.	2032.
989.3930	109.	10226.	5770.	1800.	1817.
989.7459	107.	10256.	5805.	1807.	2034.
990.0986	75.	10324.	5646.	1713.	1908.
990.4514	123.	10137.	5863.	1793.	1955.
990.8042	161.	10137.	5680.	1839.	1872.
991.1569	116.	10076.	5793.	1729.	1950.
991.5096	128.	10173.	5908.	1821.	1954.
991.8623	118.	10087.	5790.	1735.	1922.
992.2149	137.	10125.	5780.	1806.	2002.
992.5676	119.	10146.	5644.	1814.	1889.
992.9202	108.	10054.	5660.	1826.	1976.
993.2728	128.	10198.	5746.	1849.	1910.
993.6253	108.	9886.	5745.	1755.	1970.
993.9779	127.	10235.	5733.	1799.	1937.
994.3304	127.	10121.	5784.	1778.	1984.
994.6829	110.	9967.	5802.	1822.	1966.
995.0353	110.	9964.	5691.	1764.	1932.
995.3878	105.	10014.	5638.	1833.	1969.
995.7402	135.	10147.	5651.	1761.	1931.
996.0926	114.	10077.	5704.	1809.	1963.
996.4450	121.	10072.	5790.	1726.	1874.
996.7974	123.	9926.	5602.	1752.	1862.
997.1497	147.	9861.	5647.	1824.	1967.

997.5020	129.	9788.	5625.	1787.	1989.
997.8543	125.	9982.	5687.	1695.	1877.
998.2065	105.	9959.	5724.	1738.	1928.
998.5588	116.	10058.	5636.	1878.	1873.
998.9110	110.	10190.	5608.	1718.	1914.
999.2632	119.	10057.	5542.	1716.	2012.
999.6154	121.	10085.	5730.	1811.	1930.
999.9675	102.	9776.	5586.	1718.	1839.
1000.3200	137.	10047.	5597.	1720.	2021.
1000.6720	111.	9904.	5611.	1744.	1933.
1001.0240	109.	9868.	5512.	1692.	1898.
1001.3760	142.	9749.	5721.	1704.	2019.
1001.7280	113.	9939.	5615.	1780.	1903.
1002.0800	116.	9885.	5500.	1744.	1961.
1002.4320	137.	9857.	5569.	1768.	1949.
1002.7840	99.	9941.	5570.	1690.	1943.
1003.1360	124.	9789.	5566.	1801.	1958.
1003.4880	110.	9919.	5553.	1690.	1948.
1003.8400	128.	9659.	5503.	1683.	1948.
1004.1920	111.	9879.	5621.	1647.	1995.
1004.5430	111.	9750.	5518.	1695.	1922.
1004.8950	138.	9788.	5379.	1666.	1865.
1005.2470	128.	9810.	5750.	1733.	1995.
1005.5990	126.	9763.	5551.	1674.	1933.
1005.9510	124.	9896.	5652.	1674.	1879.
1006.3020	111.	9867.	5496.	1543.	1972.
1006.6540	119.	9808.	5484.	1679.	1907.
1007.0060	120.	9551.	5651.	1596.	1888.

1007.3570	127.	9945.	5319.	1612.	2010.
1007.7090	111.	9766.	5449.	1649.	1985.
1008.0610	131.	9554.	5343.	1596.	1960.
1008.4120	118.	9723.	5455.	1632.	1898.
1008.7640	98.	9831.	5459.	1610.	1963.
1009.1150	120.	9576.	5405.	1675.	1945.
1009.4670	100.	9694.	5412.	1549.	1907.
1009.8180	94.	9880.	5386.	1630.	1969.
1010.1700	119.	9648.	5351.	1605.	1905.
1010.5210	110.	9503.	5508.	1524.	1992.
1010.8730	98.	9658.	5317.	1640.	1992.
1011.2240	122.	9663.	5347.	1577.	1945.
1011.5760	116.	9573.	5377.	1624.	1951.
1011.9270	120.	9624.	5324.	1554.	1880.
1012.2780	115.	9659.	5323.	1564.	1939.
1012.6300	137.	9557.	5326.	1576.	1883.
1012.9810	132.	9721.	5480.	1552.	1996.
1013.3320	126.	9586.	5205.	1509.	1855.
1013.6830	105.	9506.	5424.	1521.	1921.
1014.0350	122.	9665.	5291.	1540.	2078.
1014.3860	114.	9624.	5505.	1605.	1939.
1014.7370	128.	9637.	5221.	1608.	1966.
1015.0880	124.	9804.	5351.	1545.	1953.
1015.4390	132.	9666.	5417.	1564.	1954.
1015.7910	111.	9661.	5272.	1497.	1925.
1016.1420	115.	9519.	5371.	1540.	1987.
1016.4930	132.	9648.	5429.	1483.	1918.
1016.8440	121.	9699.	5381.	1525.	1963.

1017.1950	118.	9558.	5329.	1537.	1922.
1017.5460	98.	9786.	5319.	1513.	1950.
1017.8970	133.	9654.	5378.	1523.	1864.
1018.2480	125.	9817.	5278.	1529.	1939.
1018.5990	134.	9734.	5444.	1542.	2006.
1018.9500	119.	9764.	5449.	1489.	2058.
1019.3000	115.	9578.	5254.	1518.	1930.
1019.6510	109.	9677.	5131.	1495.	1961.
1020.0020	112.	9554.	5324.	1405.	1926.
1141.5730	172.	3426.	3084.	3257.	3169.
1141.9350	173.	3269.	3041.	3279.	3186.
1142.2960	173.	3366.	3058.	3299.	3290.
1142.6580	179.	3412.	3154.	3243.	3140.
1143.0190	166.	3284.	2943.	3231.	3183.
1143.3810	196.	3302.	3145.	3264.	3222.
1143.7420	145.	3340.	3046.	3278.	3219.
1144.1040	172.	3422.	2975.	3264.	3191.
1144.4650	164.	3211.	3023.	3151.	3310.
1144.8270	170.	3283.	3018.	3333.	3270.
1145.1880	155.	3257.	3021.	3193.	3174.
1145.5490	169.	3354.	3067.	3249.	3234.
1145.9110	167.	3353.	2929.	3194.	3147.
1146.2720	133.	3336.	3028.	3076.	3249.
1146.6330	189.	3383.	2964.	3201.	3183.
1146.9940	188.	3279.	2986.	3147.	3210.
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1147.7170	183.	3238.	2936.	3230.	3225.

1148.0780	176.	3309.	2951.	3200.	3201.
1148.4390	154.	3218.	2951.	3247.	3134.
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1149.1610	170.	3278.	2873.	3126.	3201.
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1151.3280	177.	3295.	2852.	3138.	3140.
1151.6890	189.	3358.	2819.	3270.	3041.
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1154.5750	147.	3261.	2886.	3277.	3088.
1154.9360	158.	3211.	2785.	3086.	3016.
1155.2970	185.	3343.	2779.	3048.	3084.
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1156.0180	177.	3283.	2886.	3124.	3039.
1156.3790	145.	3193.	2815.	3141.	3226.
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1157.1000	168.	3176.	2794.	3097.	2988.
1157.4610	154.	3157.	2754.	3031.	2948.
1157.8210	173.	3310.	2795.	3086.	3006.

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1158.5420	196.	3091.	2764.	3127.	3066.
1158.9030	189.	3181.	2850.	3061.	3005.
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1159.6240	159.	3143.	2716.	3112.	2924.
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1160.3440	171.	3165.	2720.	3127.	2949.
1160.7050	141.	3212.	2776.	3100.	2910.
1161.0650	153.	3204.	2834.	3139.	2864.
1161.4250	183.	3189.	2722.	3042.	2914.
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1162.1460	166.	3281.	2634.	3071.	2881.
1162.5060	169.	3174.	2690.	3087.	2871.
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1165.7480	163.	3301.	2660.	3072.	2827.
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1171.5050	168.	3228.	2589.	3125.	2635.
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1183.0030	176.	3135.	2552.	3053.	2220.
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1195.9100	182.	3077.	2490.	2856.	1955.
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1209.5020	198.	2853.	2353.	2842.	1926.
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1216.2860	158.	2716.	2267.	2727.	1983.
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1217.0000	175.	2943.	2245.	2926.	1849.
1217.3560	175.	3029.	2162.	2806.	1849.
1217.7130	176.	2894.	2069.	2744.	1809.
1218.0700	169.	2913.	2217.	2705.	1888.

1218.4270	182.	2775.	2188.	2727.	1843.
1218.7830	177.	2716.	2273.	2755.	1983.
1219.1400	204.	3166.	2238.	2917.	1820.
1219.4970	165.	3090.	2236.	2825.	1849.
1219.8530	189.	2915.	2251.	2837.	1960.
1220.2100	215.	3052.	2225.	2852.	1837.
1220.5660	193.	2987.	2332.	2771.	1907.
1220.9230	204.	3060.	2267.	2787.	1865.
1221.2790	184.	3081.	2270.	2817.	1948.
1221.6360	171.	2922.	2245.	2828.	1928.
1221.9920	167.	2961.	2191.	2875.	1879.
1222.3490	187.	2974.	2234.	2816.	1908.
1222.7050	179.	2941.	2341.	2881.	1889.
1223.0620	176.	2941.	2222.	2793.	1916.
1223.4180	188.	2941.	2260.	2858.	1856.
1223.7740	213.	2934.	2242.	2777.	1839.
1224.1310	166.	2969.	2137.	2955.	1881.
1224.4870	182.	3040.	2169.	2893.	1832.
1224.8430	214.	2991.	2207.	2797.	1939.
1225.2000	199.	2989.	2229.	2791.	1864.
1225.5560	165.	2975.	2231.	2748.	1875.
1225.9120	192.	2928.	2210.	2789.	1906.
1226.2680	215.	2919.	2178.	2849.	1862.
1226.6240	194.	2944.	2151.	2826.	1844.
1226.9810	211.	2956.	2192.	2801.	1915.
1227.3370	194.	2988.	2167.	2939.	1894.
1227.6930	185.	2998.	2189.	2835.	1916.
1228.0490	195.	2970.	2241.	2773.	1870.

1228.4050	194.	2959.	2228.	2935.	1896.
1228.7610	198.	3042.	2198.	2874.	1896.
1229.1170	193.	3006.	2138.	2880.	1913.
1229.4730	180.	2993.	2238.	2839.	1848.
1229.8290	195.	2995.	2227.	2837.	1910.
1230.1850	191.	2882.	2188.	2717.	1848.
1230.5410	209.	2993.	2206.	2859.	1856.
1230.8970	184.	2938.	2177.	2876.	1912.
1231.2530	223.	3033.	2221.	2734.	1811.
1231.6080	207.	2911.	2230.	2857.	1811.
1231.9640	205.	3118.	2234.	2712.	1809.
1232.3200	202.	2841.	2218.	2777.	1888.
1232.6760	198.	3005.	2179.	2924.	1868.
1233.0320	204.	2907.	2236.	2730.	1806.
1233.3870	197.	3043.	2188.	2787.	1958.
1233.7430	182.	2878.	2217.	2803.	1861.
1234.0990	199.	3026.	2143.	2808.	1844.
1234.4540	169.	2921.	2210.	2840.	1818.
1234.8100	208.	2852.	2156.	2882.	1911.
1235.1660	167.	2926.	2119.	2909.	1844.
1235.5210	166.	2857.	2154.	2763.	1884.
1235.8770	202.	2939.	2196.	2883.	1967.
1236.2320	198.	2955.	2249.	2832.	1760.
1236.5880	211.	2870.	2193.	2835.	1787.
1236.9440	212.	2969.	2135.	2798.	1796.
1237.2990	189.	2924.	2253.	2820.	1816.
1237.6550	185.	2834.	2181.	2865.	1889.
1238.0100	210.	2968.	2249.	2836.	1762.

1238.3650	172.	3019.	2236.	2868.	1920.
1238.7210	158.	2897.	2159.	2818.	1894.
1239.0760	213.	2867.	2181.	2869.	1929.
1239.4320	174.	2856.	2139.	2775.	1787.
1239.7870	191.	2937.	2175.	2742.	1750.
1240.1420	211.	2983.	2213.	2847.	1868.
1240.4970	185.	2993.	2155.	2881.	1870.
1240.8530	200.	2898.	2158.	2748.	1882.
1241.2080	184.	2825.	2265.	2840.	1883.
1241.5630	185.	2767.	2240.	2715.	1795.
1241.9180	177.	2923.	2172.	2713.	1927.
1242.2740	188.	2813.	2103.	2763.	1855.
1242.6290	184.	2869.	2145.	2747.	1861.
1242.9840	198.	2938.	2172.	2793.	1902.
1243.3390	205.	2943.	2139.	2889.	1790.
1243.6940	206.	2887.	2114.	2784.	1836.
1244.0490	179.	2900.	2077.	2774.	1807.
1244.4040	194.	2992.	2111.	2780.	1832.
1244.7590	199.	2943.	2101.	2890.	1821.
1245.1140	182.	2908.	2093.	2814.	1865.
1245.4690	171.	2981.	2178.	2766.	1829.
1245.8240	188.	2848.	2110.	2807.	1822.
1246.1790	190.	2930.	2144.	2792.	1802.
1246.5340	205.	2972.	2105.	2744.	1827.
1246.8890	190.	2842.	2143.	2730.	1861.
1247.2440	197.	2983.	2113.	2706.	1844.
1247.5990	187.	2924.	2167.	2861.	1874.
1247.9530	197.	3000.	2197.	2907.	1845.

1248.3080	204.	2938.	2191.	2717.	1861.
1248.6630	185.	2909.	2091.	2783.	1852.
1249.0180	192.	2894.	2073.	2860.	1899.
1249.3720	176.	2802.	2156.	2781.	1776.
1249.7270	210.	2895.	2116.	2810.	1871.
1250.0820	178.	2906.	2194.	2740.	1878.
1250.4360	170.	2953.	2100.	2818.	1865.
1250.7910	225.	2978.	2189.	2864.	1881.
1251.1460	208.	2772.	2089.	2789.	1822.
1251.5000	165.	2830.	2201.	2710.	1874.
1251.8550	209.	2880.	2173.	2897.	1869.
1252.2090	159.	2892.	2092.	2780.	1878.
1252.5640	238.	2856.	2184.	2925.	1837.
1252.9180	198.	2990.	2137.	2819.	1847.
1253.2730	181.	2918.	2144.	2770.	1821.
1253.6270	193.	2883.	2097.	2792.	1840.
1253.9820	177.	2907.	2172.	2729.	1822.
1254.3360	192.	2871.	2123.	2831.	1770.
1254.6900	194.	2888.	2163.	2784.	1792.
1255.0450	197.	2935.	2089.	2769.	1814.
1255.3990	218.	2897.	2211.	2784.	1876.
1255.7540	202.	2918.	2198.	2825.	1831.
1256.1080	210.	2896.	2158.	2834.	1856.
1256.4620	211.	2869.	2160.	2809.	1871.
1256.8160	211.	2927.	2059.	2688.	1866.
1257.1710	218.	2979.	2222.	2820.	1750.
1257.5250	202.	2860.	2104.	2887.	1856.
1257.8790	221.	2908.	2180.	2782.	1785.

1258.2330	236.	2895.	2219.	2751.	1860.
1258.5870	186.	2748.	2193.	2838.	1882.
1258.9410	193.	2885.	2058.	2745.	1775.
1259.2950	180.	2863.	2059.	2704.	1894.
1259.6490	190.	2819.	2086.	2850.	1752.
1260.0040	202.	2908.	2118.	2795.	1776.
1260.3580	220.	2859.	2090.	2839.	1813.
1260.7120	219.	2814.	2142.	2693.	1828.
1261.0660	184.	2816.	2222.	2764.	1870.
1261.4200	213.	2893.	2138.	2737.	1836.
1261.7730	230.	2943.	2082.	2872.	1766.
1262.1270	208.	2890.	2145.	2807.	1867.
1262.4810	194.	2765.	2094.	2784.	1770.
1262.8350	196.	2932.	2150.	2774.	1842.
1263.1890	187.	2841.	2154.	2784.	1829.
1263.5430	235.	2767.	2140.	2828.	1834.
1263.8970	210.	2941.	2174.	2866.	1831.
1264.2500	182.	2817.	2079.	2806.	1966.
1264.6040	221.	2914.	2150.	2724.	1877.
1264.9580	240.	2741.	2119.	2885.	1810.
1265.3120	204.	2946.	2220.	2797.	1781.
1265.6650	207.	3029.	2121.	2887.	1894.
1266.0190	207.	2817.	2048.	2712.	1888.
1266.3730	232.	2729.	2107.	2821.	1880.
1266.7260	216.	2822.	2138.	2731.	1881.
1267.0800	192.	2906.	2100.	2902.	1823.
1267.4330	223.	2854.	2058.	2717.	1808.
1267.7870	181.	2792.	2201.	2769.	1895.

1268.1400	232.	2927.	2088.	2768.	1824.
1268.4940	205.	2871.	2147.	2793.	1880.
1268.8470	190.	2885.	2133.	2899.	1827.
1269.2010	188.	2880.	2109.	2834.	1806.
1269.5540	184.	2884.	2170.	2743.	1845.
1269.9080	213.	2771.	2186.	2802.	1871.
1270.2610	229.	2759.	2098.	2810.	1835.
1270.6140	185.	2939.	2118.	2822.	1747.
1270.9680	212.	2762.	2075.	2733.	1798.
1271.3210	214.	2783.	2138.	2736.	1785.
1271.6740	232.	2868.	2108.	2755.	1822.
1272.0280	244.	2837.	2063.	2750.	1850.
1272.3810	203.	2884.	2031.	2771.	1859.
1272.7340	225.	2898.	2139.	2800.	1836.
1273.0870	234.	2778.	2114.	2777.	1809.
1273.4410	211.	2837.	2211.	2826.	1852.
1273.7940	208.	2863.	2221.	2759.	1845.
1274.1470	197.	2826.	1997.	2844.	1812.
1274.5000	207.	2860.	2063.	2723.	1808.
1274.8530	219.	2806.	2045.	2729.	1925.
1275.2060	216.	2969.	2034.	2820.	1804.
1275.5590	221.	2856.	2173.	2793.	1872.
1275.9120	210.	2947.	2125.	2746.	1852.
1276.2650	206.	2842.	2107.	2756.	1877.
1276.6180	197.	2804.	2090.	2769.	1825.
1276.9710	250.	2864.	2102.	2747.	1885.
1277.3240	193.	2941.	2067.	2666.	1883.
1277.6770	188.	2910.	2120.	2676.	1946.

1278.0300	217.	2761.	2139.	2817.	1871.
1278.3830	208.	2781.	2056.	2733.	1880.
1278.7360	220.	2756.	2100.	2777.	1800.
1279.0890	210.	2860.	2080.	2693.	1879.
1279.4410	213.	2779.	2230.	2749.	1779.
1279.7940	216.	2847.	2097.	2722.	1889.
1280.1470	238.	2790.	2039.	2565.	1859.
1280.5000	194.	2862.	2129.	2712.	1803.
1280.8520	210.	2877.	2129.	2755.	1844.
1281.2050	196.	2760.	2110.	2684.	1872.
1281.5580	208.	2845.	2051.	2669.	1802.
1281.9100	179.	2834.	2068.	2677.	1760.
1282.2630	240.	2839.	2071.	2698.	1796.
1282.6160	245.	2858.	1990.	2716.	1868.
1282.9680	203.	2852.	2040.	2694.	1877.
1283.3210	224.	2856.	2089.	2605.	1771.
1283.6730	245.	2885.	2146.	2699.	1828.
1284.0260	215.	2913.	2127.	2750.	1788.
1284.3780	254.	2841.	2055.	2745.	1740.
1284.7310	202.	2897.	2013.	2638.	1850.
1285.0830	256.	2834.	2110.	2675.	1808.
1285.4360	234.	2880.	2149.	2701.	1854.
1285.7880	230.	2751.	2026.	2689.	1804.
1286.1400	231.	2825.	2028.	2717.	1786.
1286.4930	205.	2887.	2119.	2743.	1827.
1286.8450	237.	2794.	2098.	2630.	1751.
1287.1970	224.	2840.	2097.	2676.	1819.
1287.5500	229.	2772.	2072.	2612.	1836.

1287.9020	215.	2901.	2122.	2679.	1863.
1288.2540	249.	2857.	2104.	2705.	1876.
1288.6060	209.	2884.	2012.	2779.	1876.
1288.9590	214.	2805.	2100.	2635.	1915.
1289.3110	221.	2766.	2137.	2563.	1818.
1289.6630	229.	2882.	1988.	2605.	1817.
1290.0150	242.	2843.	2052.	2647.	1883.
1290.3670	227.	2859.	1989.	2562.	1830.
1290.7190	232.	2756.	2038.	2615.	1902.
1291.0710	253.	2743.	2104.	2548.	1862.
1291.4230	222.	2645.	2041.	2712.	1916.
1291.7750	222.	2842.	1981.	2598.	1855.
1292.1270	211.	2841.	2033.	2579.	1849.
1292.4790	209.	2786.	2072.	2574.	1812.
1292.8310	197.	2704.	1966.	2724.	1849.
1293.1830	216.	2888.	2093.	2580.	1848.
1293.5350	235.	2919.	2061.	2463.	1892.
1293.8870	261.	2927.	2079.	2470.	1795.
1294.2390	195.	2846.	2019.	2662.	1859.
1294.5910	212.	2864.	1989.	2688.	1885.
1294.9430	241.	2843.	2139.	2562.	1862.
1295.2940	221.	2773.	2124.	2567.	1815.
1295.6460	245.	2885.	2003.	2626.	1868.
1295.9980	224.	2787.	2072.	2639.	1824.
1296.3500	209.	2774.	1977.	2457.	1789.
1296.7010	227.	2777.	2083.	2547.	1775.
1297.0530	246.	2804.	2110.	2605.	1849.
1297.4050	231.	2705.	2058.	2485.	1918.

1297.7560	227.	2759.	2029.	2564.	1839.
1298.1080	242.	2724.	1940.	2557.	1863.
1298.4590	258.	2764.	2000.	2542.	1780.
1298.8110	243.	2769.	2105.	2420.	1851.
1299.1630	253.	2822.	1994.	2559.	1816.
1299.5140	211.	2733.	2150.	2609.	1832.
1299.8660	231.	2728.	2014.	2548.	1917.
1300.2170	233.	2768.	2109.	2522.	1861.
1300.5690	206.	2798.	2138.	2512.	1836.
1300.9200	243.	2828.	2098.	2571.	1873.
1301.2710	228.	2663.	1965.	2605.	1900.
1301.6230	268.	2801.	2184.	2398.	1887.
1301.9740	246.	2781.	2032.	2593.	1852.
1302.3250	251.	2925.	2125.	2587.	1878.
1302.6770	246.	2828.	2000.	2608.	1890.
1303.0280	249.	2823.	2058.	2548.	1961.
1303.3790	212.	2806.	2113.	2516.	1964.
1303.7310	211.	2815.	2066.	2610.	1870.
1304.0820	240.	2813.	2141.	2509.	1812.
1304.4330	260.	2724.	2073.	2583.	1879.
1304.7840	247.	2833.	2120.	2532.	1872.
1305.1350	232.	2782.	2108.	2542.	1880.
1305.4870	241.	2720.	2045.	2560.	1894.
1305.8380	217.	2694.	2044.	2493.	1853.
1306.1890	240.	2859.	2021.	2489.	1758.
1306.5400	264.	2742.	2014.	2518.	1841.
1306.8910	246.	2769.	1968.	2499.	1806.
1307.2420	245.	2775.	2107.	2532.	1830.

1307.5930	259.	2821.	2078.	2530.	1788.
1307.9440	202.	2867.	2084.	2554.	1919.
1308.2950	261.	2836.	2046.	2521.	1892.
1308.6460	247.	2832.	2115.	2585.	1822.
1308.9970	245.	2775.	2059.	2464.	1832.
1309.3480	241.	2793.	2131.	2444.	1914.
1309.6990	231.	2898.	2070.	2481.	1910.
1310.0490	235.	2709.	2012.	2406.	1840.
1310.4000	249.	2755.	2133.	2483.	1898.
1310.7510	240.	2827.	2164.	2589.	1837.
1311.1020	218.	2825.	2085.	2551.	1855.
1311.4530	250.	2797.	2119.	2475.	1806.
1311.8030	231.	2798.	2094.	2440.	1875.
1312.1540	258.	2786.	2089.	2577.	1822.
1312.5050	246.	2703.	2080.	2439.	1924.
1312.8550	232.	2884.	2100.	2436.	1777.
1313.2060	245.	2814.	2145.	2487.	1823.
1313.5570	252.	2663.	2063.	2431.	1881.
1313.9070	253.	2799.	2160.	2406.	1862.
1314.2580	250.	2795.	2019.	2514.	1874.
1314.6080	254.	2822.	2058.	2486.	1837.
1314.9590	252.	2843.	2029.	2389.	1789.
1315.3090	258.	2766.	2077.	2513.	1920.
1315.6600	280.	2773.	2060.	2414.	1793.
1316.0100	245.	2833.	2090.	2417.	1853.
1316.3610	252.	2682.	2051.	2442.	1772.
1316.7110	237.	2706.	2045.	2527.	1821.
1317.0620	250.	2859.	2113.	2481.	1882.

1317.4120	228.	2838.	2051.	2477.	1844.
1317.7620	227.	2848.	2109.	2540.	1856.
1318.1130	225.	2787.	2118.	2363.	1810.
1318.4630	256.	2773.	2057.	2406.	1807.
1318.8130	296.	2749.	2125.	2492.	1864.
1319.1640	273.	2740.	2139.	2356.	1834.
1319.5140	252.	2783.	2058.	2497.	1903.
1319.8640	259.	2807.	2041.	2453.	1790.
1320.2140	288.	2976.	2026.	2513.	1880.
1320.5650	265.	2777.	2182.	2411.	1862.
1320.9150	219.	2710.	2056.	2410.	1775.
1321.2650	244.	2853.	2095.	2505.	1869.
1321.6150	222.	2872.	1978.	2421.	1789.
1321.9650	271.	2731.	2109.	2417.	1847.
1322.3150	263.	2700.	2175.	2400.	1900.
1322.6650	262.	2802.	1979.	2438.	1855.
1323.0150	240.	2829.	2053.	2503.	1816.
1323.3650	272.	2782.	2064.	2487.	1852.
1323.7150	229.	2778.	2079.	2411.	1803.
1324.0650	257.	2708.	2074.	2430.	1899.
1324.4150	263.	2779.	2062.	2410.	1801.
1324.7650	259.	2845.	2048.	2559.	1834.
1325.1150	265.	2736.	2093.	2381.	1818.
1325.4650	254.	2797.	2155.	2464.	1887.
1325.8150	245.	2834.	2011.	2369.	1809.
1326.1640	277.	2802.	2110.	2382.	1865.
1326.5140	269.	2794.	1989.	2321.	1870.
1326.8640	279.	2814.	2125.	2427.	1891.

1327.2140	276.	2661.	2077.	2326.	1832.
1327.5630	282.	2730.	2055.	2491.	1796.
1327.9130	303.	2819.	2138.	2308.	1836.
1328.2630	290.	2778.	2108.	2313.	1864.
1328.6130	268.	2805.	2134.	2354.	1830.
1328.9620	288.	2805.	2027.	2429.	1924.
1329.3120	250.	2834.	2011.	2408.	1928.
1329.6610	276.	2730.	2087.	2417.	1822.
1330.0110	260.	2759.	2042.	2319.	1926.
1330.3610	276.	2761.	1965.	2447.	1740.
1330.7100	259.	2714.	2085.	2447.	1854.
1331.0600	278.	2741.	2038.	2379.	1769.
1331.4090	244.	2746.	2079.	2501.	1769.
1331.7590	241.	2752.	2183.	2285.	1787.
1332.1080	302.	2733.	2090.	2397.	1845.
1332.4570	287.	2788.	2084.	2439.	1845.
1332.8070	252.	2901.	2044.	2398.	1966.
1333.1560	286.	2810.	2096.	2455.	1828.
1333.5060	292.	2810.	2067.	2446.	1940.
1333.8550	278.	2731.	2090.	2331.	1827.
1334.2040	254.	2758.	2063.	2409.	1834.
1334.5530	255.	2830.	2068.	2358.	1866.
1334.9030	253.	2725.	2071.	2419.	1884.
1335.2520	277.	2706.	2105.	2357.	1834.
1335.6010	246.	2661.	2176.	2318.	1902.
1335.9500	243.	2740.	2014.	2383.	1794.
1336.3000	283.	2834.	2076.	2355.	1957.
1336.6490	281.	2841.	2046.	2392.	1824.

1336.9980	255.	2728.	2085.	2332.	1895.
1337.3470	287.	2755.	2076.	2346.	1770.
1337.6960	298.	2777.	2086.	2334.	1863.
1338.0450	285.	2812.	2117.	2367.	1832.
1338.3940	286.	2732.	2011.	2352.	1884.
1338.7430	273.	2778.	2091.	2414.	1876.
1339.0920	265.	2916.	2131.	2195.	1926.
1339.4410	274.	2839.	2078.	2272.	1823.
1339.7900	262.	2795.	2105.	2300.	1859.
1340.1390	275.	2798.	2012.	2277.	1874.
1340.4880	294.	2772.	2129.	2389.	1734.
1340.8370	299.	2734.	2062.	2325.	1875.
1341.1860	228.	2829.	2068.	2353.	1834.
1341.5350	254.	2782.	2072.	2351.	1880.
1341.8830	309.	2790.	2096.	2291.	1929.
1342.2320	278.	2829.	2129.	2283.	1811.
1342.5810	303.	2820.	2077.	2356.	1820.
1342.9300	280.	2738.	2072.	2227.	1913.
1343.2780	279.	2907.	2063.	2292.	1786.
1343.6270	276.	2730.	2103.	2353.	1894.
1343.9760	319.	2757.	2044.	2255.	1765.
1344.3240	257.	2731.	2079.	2261.	1930.
1344.6730	295.	2768.	2011.	2254.	1865.
1345.0220	269.	2764.	2138.	2265.	1813.
1345.3700	289.	2785.	2070.	2289.	1823.
1345.7190	259.	2853.	2135.	2278.	1853.
1346.0670	277.	2897.	2072.	2322.	1833.
1346.4160	287.	2739.	2094.	2313.	1882.

1346.7640	286.	2828.	2072.	2315.	1855.
1347.1130	261.	2825.	2102.	2348.	1860.
1347.4610	275.	2834.	2042.	2261.	1787.
1347.8100	255.	2810.	2128.	2257.	1850.
1348.1580	292.	2746.	2055.	2237.	1820.
1348.5070	302.	2784.	2090.	2219.	1761.
1348.8550	306.	2839.	2122.	2186.	1766.
1349.2030	251.	2746.	2024.	2312.	1787.
1349.5520	271.	2700.	2050.	2229.	1797.
1349.9000	271.	2863.	2065.	2346.	1816.
1350.2480	299.	2790.	2124.	2155.	1791.
1350.5970	290.	2727.	2027.	2278.	1879.
1350.9450	301.	2822.	2130.	2245.	1747.
1351.2930	278.	2761.	2055.	2244.	1838.
1351.6410	284.	2695.	2111.	2165.	1816.
1351.9890	281.	2711.	2102.	2208.	1804.
1352.3380	266.	2640.	1978.	2224.	1797.
1352.6860	288.	2581.	2005.	2065.	1834.
1353.0340	299.	2805.	2062.	2166.	1878.
1353.3820	269.	2724.	2062.	2241.	1799.
1353.7300	267.	2749.	2034.	2136.	1931.
1354.0780	301.	2706.	2156.	2146.	1817.
1354.4260	287.	2792.	2094.	2229.	1853.
1354.7740	287.	2684.	2087.	2224.	1819.
1355.1220	277.	2716.	2007.	2234.	1842.
1355.4700	267.	2642.	2118.	2141.	1796.
1355.8180	289.	2849.	2111.	2207.	1836.
1356.1660	277.	2734.	2070.	2176.	1823.

1356.5140	311.	2689.	2039.	2280.	1848.
1356.8620	300.	2745.	2107.	2178.	1837.
1357.2090	311.	2767.	2065.	2257.	1827.
1357.5570	243.	2714.	2065.	2223.	1899.
1357.9050	295.	2813.	2110.	2179.	1808.
1358.2530	291.	2733.	2102.	2195.	1899.
1358.6010	274.	2775.	2126.	2159.	1976.
1358.9480	248.	2700.	2003.	2255.	1898.
1359.2960	315.	2733.	2027.	2142.	1743.
1359.6440	301.	2768.	2119.	2171.	1920.
1359.9910	308.	2700.	1946.	2220.	1885.
1360.3390	257.	2842.	2047.	2214.	1814.
1360.6870	300.	2762.	2027.	2193.	1885.
1361.0340	308.	2649.	2041.	2137.	1856.
1361.3820	289.	2724.	2070.	2151.	1846.
1361.7290	270.	2674.	2071.	2205.	1800.
1362.0770	317.	2771.	2059.	2175.	1840.
1362.4240	313.	2802.	2067.	2189.	1855.
1362.7720	291.	2856.	2023.	2113.	1824.
1363.1190	259.	2681.	2066.	2191.	1805.
1363.4670	288.	2655.	1981.	2203.	1818.
1363.8140	266.	2720.	2143.	2086.	1814.
1364.1620	268.	2640.	2114.	2250.	1813.
1364.5090	298.	2716.	1994.	2211.	1738.
1364.8560	272.	2704.	2117.	2206.	1811.
1365.2040	279.	2809.	2043.	2186.	1822.
1365.5510	313.	2687.	2053.	2157.	1753.
1365.8980	306.	2733.	2039.	2222.	1835.

1366.2450	300.	2787.	2062.	2178.	1890.
1366.5930	286.	2726.	2064.	2162.	1838.
1366.9400	289.	2799.	2088.	2005.	1791.
1367.2870	317.	2786.	2060.	2181.	1777.
1367.6340	294.	2677.	2051.	2159.	1790.
1367.9810	311.	2799.	2054.	2114.	1865.
1368.3290	303.	2714.	2093.	2070.	1847.
1368.6760	283.	2715.	2069.	2120.	1852.
1369.0230	302.	2726.	2098.	2164.	1827.
1369.3700	265.	2840.	1919.	2058.	1892.
1369.7170	290.	2561.	2113.	2111.	1837.
1370.0640	330.	2685.	2044.	2141.	1862.
1370.4110	258.	2703.	2067.	2128.	1787.
1370.7580	292.	2739.	2112.	2113.	1846.
1371.1050	332.	2770.	2078.	2156.	1969.
1371.4520	302.	2730.	1985.	2163.	1839.
1371.7990	291.	2682.	2027.	2119.	1800.
1372.1460	286.	2661.	2050.	2161.	1771.
1372.4920	318.	2660.	2034.	2157.	1809.
1372.8390	284.	2794.	2091.	2073.	1809.
1373.1860	278.	2730.	2063.	2135.	1866.
1373.5330	276.	2767.	2096.	2032.	1728.
1373.8800	279.	2750.	2061.	2089.	1860.
1374.2260	322.	2834.	2035.	2016.	1804.
1374.5730	277.	2727.	2038.	2109.	1842.
1374.9200	321.	2694.	2001.	2122.	1796.
1375.2660	295.	2673.	2066.	2089.	1904.
1375.6130	292.	2644.	2056.	2101.	1792.

1375.9600	294.	2686.	1998.	2115.	1803.
1376.3060	290.	2693.	2013.	2098.	1870.
1376.6530	260.	2665.	1977.	2023.	1787.
1377.0000	282.	2723.	2004.	2130.	1812.
1377.3460	295.	2743.	2028.	2078.	1745.
1377.6930	307.	2685.	2043.	2047.	1904.
1378.0390	299.	2725.	1971.	2137.	1787.
1378.3860	272.	2588.	2028.	2117.	1840.
1378.7320	290.	2737.	2065.	2036.	1850.
1379.0790	268.	2695.	2044.	2029.	1977.
1379.4250	264.	2664.	2031.	1981.	1852.
1379.7710	310.	2690.	2068.	2060.	1861.
1380.1180	285.	2573.	1993.	1988.	1811.
1380.4640	307.	2789.	1987.	2018.	1796.
1380.8100	309.	2734.	1963.	1958.	1863.
1381.1570	285.	2676.	2058.	2020.	1796.
1381.5030	260.	2625.	1978.	2090.	1813.
1381.8490	306.	2671.	1914.	2033.	1840.
1382.1960	273.	2619.	1939.	2015.	1880.
1382.5420	280.	2666.	2025.	2004.	1886.
1382.8880	275.	2641.	1982.	1984.	1909.
1383.2340	292.	2698.	1976.	1923.	1794.
1383.5800	294.	2598.	2020.	2013.	1858.
1383.9260	276.	2692.	1977.	2019.	1821.
1384.2730	310.	2758.	2050.	1993.	1883.
1384.6190	307.	2773.	1967.	1940.	1789.
1384.9650	256.	2650.	1973.	1994.	1812.
1385.3110	281.	2669.	2020.	2034.	1789.

1385.6570	298.	2588.	1906.	2077.	1908.
1386.0030	286.	2720.	2094.	2003.	1837.
1386.3490	273.	2705.	2044.	1985.	1871.
1386.6950	288.	2604.	2033.	1992.	1862.
1387.0410	323.	2617.	1955.	1968.	1806.
1387.3870	281.	2727.	2075.	2090.	1861.
1387.7320	292.	2763.	1982.	1947.	1827.
1388.0780	297.	2665.	1936.	2016.	1784.
1388.4240	293.	2693.	1959.	1989.	1800.
1388.7700	287.	2671.	2065.	1986.	1717.
1389.1160	309.	2548.	1940.	1955.	1824.
1389.4620	296.	2615.	1973.	2047.	1885.
1389.8070	274.	2525.	2004.	2059.	1812.
1390.1530	266.	2706.	2030.	1951.	1875.
1390.4990	324.	2747.	1938.	2043.	1945.
1390.8440	265.	2690.	1963.	2004.	1800.
1391.1900	268.	2610.	2007.	1980.	1877.
1391.5360	299.	2732.	1906.	2003.	1834.
1391.8810	286.	2608.	1940.	2031.	1802.
1392.2270	307.	2697.	1940.	1972.	1895.
1392.5730	260.	2550.	2019.	1918.	1845.
1392.9180	318.	2679.	1972.	1942.	1838.
1393.2640	314.	2644.	1878.	1931.	1868.
1393.6090	319.	2665.	1935.	2025.	1868.
1393.9550	273.	2721.	1928.	2023.	1899.
1394.3000	287.	2722.	1958.	1976.	1872.
1394.6460	269.	2577.	1907.	1949.	1834.
1394.9910	302.	2684.	1918.	1966.	1833.

1395.3360	261.	2672.	1943.	1907.	1818.
1395.6820	296.	2625.	1902.	1978.	1817.
1396.0270	294.	2571.	2016.	1892.	1749.
1396.3730	288.	2616.	1915.	1865.	1855.
1396.7180	290.	2676.	1943.	2006.	1833.
1397.0630	289.	2593.	1908.	1899.	1867.
1397.4080	255.	2615.	1914.	2015.	1821.
1397.7540	281.	2602.	2007.	1913.	1866.
1398.0990	275.	2564.	1913.	1998.	1817.
1398.4440	303.	2654.	1913.	1892.	1829.
1398.7890	286.	2621.	1883.	1973.	1825.
1399.1340	273.	2611.	1890.	1908.	1808.
1399.4800	328.	2607.	1816.	1905.	1850.
1399.8250	282.	2563.	1919.	1825.	1852.
1400.1700	303.	2573.	1977.	1860.	1856.
1400.5150	276.	2597.	1950.	1922.	1789.
1400.8600	291.	2600.	1882.	1894.	1735.
1401.2050	243.	2486.	1902.	1945.	1785.
1401.5500	282.	2602.	1910.	1896.	1824.
1401.8950	304.	2589.	1909.	1909.	1820.
1402.2400	285.	2669.	1946.	1976.	1835.
1402.5850	285.	2591.	1989.	1867.	1885.
1402.9300	263.	2467.	1857.	1911.	1890.
1403.2750	251.	2675.	1917.	1889.	1846.
1403.6190	304.	2526.	1893.	1905.	1848.
1403.9640	259.	2691.	1909.	1940.	1807.
1404.3090	314.	2660.	1962.	1964.	1762.
1404.6540	277.	2492.	1901.	1851.	1795.

1404.9990	310.	2571.	1943.	1899.	1849.
1405.3440	307.	2659.	1980.	1941.	1842.
1405.6880	281.	2540.	1875.	1852.	1784.
1406.0330	288.	2614.	1907.	1919.	1821.
1406.3780	303.	2521.	1763.	1928.	1865.
1406.7220	303.	2575.	1839.	1891.	1781.
1407.0670	320.	2620.	1869.	1948.	1811.
1407.4120	264.	2579.	1898.	1893.	1874.
1407.7560	276.	2583.	1905.	1854.	1807.
1408.1010	260.	2544.	1807.	1877.	1817.
1408.4450	269.	2601.	1916.	1893.	1882.
1408.7900	312.	2574.	1813.	1854.	1757.
1409.1340	272.	2493.	1849.	1909.	1863.
1409.4790	293.	2471.	1867.	1795.	1841.
1409.8230	253.	2539.	1824.	1875.	1808.
1410.1680	288.	2504.	1866.	1891.	1783.
1410.5120	303.	2539.	1810.	1825.	1899.
1410.8570	298.	2559.	1906.	1917.	1786.
1411.2010	271.	2498.	1793.	1915.	1855.
1411.5460	265.	2528.	1922.	1852.	1863.
1411.8900	267.	2559.	1804.	1855.	1863.
1412.2340	285.	2416.	1825.	1895.	1795.
1412.5780	319.	2461.	1800.	1883.	1825.
1412.9230	308.	2391.	1929.	1838.	1849.
1413.2670	252.	2606.	1877.	1876.	1837.
1413.6110	249.	2547.	1840.	1855.	1823.
1413.9550	287.	2476.	1858.	1819.	1912.
1414.3000	301.	2536.	1928.	1915.	1872.

1414.6440	271.	2647.	1864.	1896.	1855.
1414.9880	275.	2512.	1854.	1933.	1761.
1415.3320	271.	2512.	1782.	1878.	1799.
1415.6760	246.	2504.	1870.	1899.	1780.
1416.0200	286.	2362.	1900.	1777.	1859.
1416.3640	259.	2518.	1880.	1762.	1889.
1416.7080	288.	2439.	1827.	1884.	1911.
1417.0520	299.	2534.	1790.	1861.	1825.
1417.3960	273.	2501.	1828.	1879.	1914.
1417.7400	272.	2341.	1825.	1853.	1835.
1418.0840	315.	2543.	1778.	1846.	1890.
1418.4280	293.	2576.	1788.	1853.	1823.
1418.7720	282.	2544.	1891.	1847.	1841.
1419.1160	304.	2420.	1787.	1831.	1948.
1419.4600	251.	2362.	1769.	1809.	1845.
1419.8040	273.	2478.	1890.	1842.	1867.
1420.1480	284.	2465.	1810.	1846.	1804.
1420.4910	287.	2404.	1794.	1809.	1812.
1420.8350	303.	2488.	1844.	1834.	1856.
1421.1790	282.	2560.	1800.	1792.	1855.
1421.5230	292.	2606.	1803.	1898.	1855.
1421.8660	295.	2394.	1759.	1825.	1887.
1422.2100	276.	2518.	1861.	1862.	1789.
1422.5540	282.	2454.	1797.	1865.	1823.
1422.8970	290.	2388.	1826.	1835.	1844.
1423.2410	262.	2349.	1809.	1852.	1738.
1423.5840	263.	2521.	1839.	1776.	1786.
1423.9280	261.	2501.	1830.	1908.	1766.

1424.2720	260.	2504.	1826.	1790.	1883.
1424.6150	260.	2443.	1796.	1868.	1848.
1424.9590	275.	2420.	1761.	1827.	1819.
1425.3020	284.	2516.	1790.	1787.	1850.
1425.6460	258.	2482.	1811.	1792.	1770.
1425.9890	261.	2433.	1850.	1822.	1851.
1426.3320	276.	2573.	1844.	1833.	1784.
1426.6760	286.	2433.	1769.	1825.	1779.
1427.0190	233.	2480.	1798.	1788.	1770.
1427.3630	251.	2632.	1836.	1855.	1876.
1427.7060	274.	2413.	1876.	1754.	1773.
1428.0490	233.	2463.	1780.	1893.	1795.
1428.3930	255.	2401.	1794.	1842.	1900.
1428.7360	267.	2510.	1820.	1816.	1817.
1429.0790	263.	2548.	1791.	1804.	1821.
1429.4220	292.	2475.	1703.	1766.	1813.
1429.7650	262.	2367.	1785.	1867.	1767.
1430.1090	277.	2410.	1726.	1865.	1888.
1430.4520	271.	2527.	1752.	1826.	1845.
1430.7950	245.	2509.	1867.	1801.	1713.
1431.1380	268.	2408.	1740.	1819.	1893.
1431.4810	274.	2397.	1850.	1837.	1929.
1431.8240	260.	2511.	1817.	1824.	1825.
1432.1670	278.	2426.	1703.	1804.	1901.
1432.5100	265.	2400.	1745.	1893.	1881.
1432.8530	257.	2379.	1771.	1906.	1863.
1433.1960	269.	2467.	1840.	1853.	1787.
1433.5390	281.	2427.	1798.	1807.	1788.

1433.8820	256.	2480.	1838.	1904.	1778.
1434.2250	269.	2355.	1805.	1764.	1753.
1434.5680	284.	2434.	1760.	1757.	1747.
1434.9110	287.	2435.	1720.	1832.	1850.
1435.2540	282.	2409.	1735.	1788.	1830.
1435.5970	261.	2405.	1794.	1790.	1876.
1435.9390	272.	2496.	1708.	1798.	1774.
1436.2820	259.	2388.	1792.	1794.	1830.
1436.6250	278.	2378.	1728.	1769.	1878.
1436.9680	227.	2540.	1840.	1842.	1855.
1437.3100	262.	2442.	1793.	1797.	1813.
1437.6530	236.	2393.	1783.	1781.	1785.
1437.9960	269.	2383.	1823.	1789.	1835.
1438.3380	239.	2315.	1727.	1778.	1884.
1438.6810	264.	2446.	1717.	1806.	1896.
1439.0240	273.	2465.	1738.	1770.	1783.
1439.3660	297.	2436.	1712.	1855.	1822.
1439.7090	248.	2415.	1788.	1838.	1813.
1440.0510	279.	2361.	1766.	1854.	1822.
1440.3940	280.	2428.	1728.	1962.	1860.
1440.7360	284.	2499.	1844.	1816.	1791.
1441.0790	238.	2407.	1710.	1772.	1798.
1441.4210	301.	2312.	1726.	1790.	1844.
1441.7640	243.	2447.	1788.	1810.	1846.
1442.1060	235.	2466.	1709.	1811.	1794.
1442.4490	288.	2431.	1688.	1730.	1888.
1442.7910	303.	2435.	1770.	1848.	1778.
1443.1330	261.	2353.	1754.	1747.	1924.

1443.4760	257.	2356.	1651.	1819.	1836.
1443.8180	254.	2385.	1793.	1767.	1815.
1444.1600	255.	2445.	1697.	1823.	1798.
1444.5020	276.	2440.	1727.	1818.	1926.
1444.8450	237.	2392.	1746.	1868.	1700.
1445.1870	234.	2293.	1726.	1771.	1863.
1445.5290	286.	2467.	1765.	1854.	1801.
1445.8710	236.	2433.	1693.	1841.	1926.
1446.2130	254.	2407.	1731.	1748.	1876.
1446.5560	256.	2371.	1788.	1813.	1844.
1446.8980	285.	2436.	1675.	1711.	1824.
1447.2400	280.	2318.	1779.	1756.	1859.
1447.5820	268.	2359.	1750.	1804.	1843.
1447.9240	232.	2458.	1645.	1785.	1827.
1448.2660	275.	2454.	1656.	1743.	1815.
1448.6080	254.	2329.	1737.	1737.	1795.
1448.9500	294.	2301.	1731.	1750.	1846.
1449.2920	277.	2436.	1749.	1845.	1872.
1449.6340	250.	2304.	1703.	1798.	1929.
1449.9760	282.	2460.	1701.	1801.	1866.
1450.3170	300.	2441.	1705.	1767.	1855.
1450.6590	244.	2305.	1689.	1773.	1855.
1451.0010	267.	2338.	1706.	1825.	1817.
1451.3430	250.	2447.	1680.	1830.	1836.
1451.6850	284.	2351.	1628.	1831.	1866.
1452.0270	253.	2342.	1766.	1821.	1864.
1452.3680	284.	2437.	1652.	1823.	1804.
1452.7100	246.	2358.	1678.	1812.	1856.

1453.0520	232.	2433.	1737.	1816.	1755.
1453.3930	251.	2408.	1806.	1720.	1870.
1453.7350	225.	2368.	1676.	1864.	1787.
1454.0770	263.	2424.	1722.	1753.	1884.
1454.4180	249.	2454.	1765.	1769.	1831.
1454.7600	266.	2404.	1744.	1756.	1839.
1455.1020	249.	2346.	1747.	1742.	1804.
1455.4430	274.	2422.	1689.	1757.	1899.
1455.7850	273.	2300.	1732.	1748.	1902.
1456.1260	268.	2377.	1722.	1716.	1869.
1456.4680	294.	2372.	1694.	1742.	1801.
1456.8090	250.	2338.	1743.	1837.	1892.
1457.1510	301.	2325.	1798.	1799.	1837.
1457.4920	236.	2461.	1647.	1714.	1776.
1457.8330	274.	2488.	1806.	1868.	1837.
1458.1750	278.	2431.	1650.	1706.	1862.
1458.5160	271.	2335.	1680.	1780.	1894.
1458.8580	257.	2440.	1665.	1795.	1771.
1459.1990	269.	2304.	1744.	1768.	1841.
1459.5400	268.	2385.	1703.	1747.	1852.
1459.8810	254.	2461.	1746.	1691.	1832.
1460.2230	267.	2376.	1752.	1815.	1886.
1460.5640	241.	2368.	1714.	1783.	1803.
1460.9050	258.	2380.	1743.	1773.	1852.
1461.2460	241.	2256.	1646.	1847.	1877.
1461.5870	249.	2366.	1694.	1849.	1835.
1461.9290	280.	2457.	1741.	1780.	1798.
1462.2700	232.	2322.	1670.	1803.	1829.

1462.6110	266.	2407.	1753.	1825.	1855.
1462.9520	296.	2320.	1734.	1757.	1840.
1463.2930	262.	2317.	1689.	1732.	1820.
1463.6340	247.	2464.	1674.	1809.	1928.
1463.9750	242.	2335.	1724.	1711.	1963.
1464.3160	260.	2355.	1693.	1752.	1902.
1464.6570	278.	2372.	1683.	1839.	1872.
1464.9980	274.	2422.	1728.	1754.	1788.
1465.3390	244.	2417.	1701.	1772.	1855.
1465.6800	223.	2415.	1650.	1801.	1820.
1466.0210	266.	2337.	1721.	1762.	1871.
1466.3610	276.	2276.	1706.	1838.	1842.
1466.7020	230.	2352.	1714.	1813.	1793.
1467.0430	237.	2427.	1704.	1753.	1821.
1467.3840	284.	2351.	1714.	1855.	1836.
1467.7250	247.	2355.	1637.	1775.	1891.
1468.0650	254.	2417.	1658.	1826.	1836.
1468.4060	257.	2407.	1627.	1674.	1821.
1468.7470	277.	2527.	1838.	1747.	1882.
1469.0880	298.	2328.	1677.	1790.	1849.
1469.4280	301.	2299.	1661.	1775.	1869.
1469.7690	250.	2382.	1721.	1776.	1816.
1470.1100	277.	2325.	1646.	1742.	1903.
1470.4500	255.	2409.	1784.	1813.	1831.
1470.7910	253.	2363.	1691.	1665.	1899.
1471.1310	268.	2428.	1661.	1697.	1836.
1471.4720	245.	2286.	1655.	1804.	1840.
1471.8120	248.	2453.	1615.	1861.	1811.

1472.1530	226.	2403.	1746.	1825.	1862.
1472.4930	269.	2368.	1687.	1744.	1795.
1472.8340	238.	2389.	1619.	1845.	1861.
1473.1740	290.	2334.	1712.	1820.	1790.
1473.5150	273.	2369.	1648.	1798.	1847.
1473.8550	263.	2301.	1596.	1826.	1887.
1474.1950	243.	2392.	1714.	1690.	1807.
1474.5360	246.	2436.	1712.	1763.	1933.
1474.8760	279.	2360.	1661.	1808.	1837.
1475.2160	264.	2393.	1676.	1671.	1905.
1475.5560	260.	2402.	1642.	1792.	1844.
1475.8970	257.	2293.	1708.	1802.	1925.
1476.2370	256.	2331.	1621.	1686.	1876.
1476.5770	255.	2317.	1703.	1822.	1843.
1476.9170	292.	2396.	1721.	1729.	1805.
1477.2570	248.	2335.	1633.	1813.	1899.
1477.5980	292.	2340.	1789.	1743.	1894.
1477.9380	277.	2325.	1721.	1796.	1948.
1478.2780	285.	2322.	1641.	1700.	1831.
1478.6180	270.	2339.	1697.	1797.	1832.
1478.9580	248.	2412.	1654.	1762.	1849.
1479.2980	263.	2422.	1634.	1780.	1820.
1479.6380	277.	2299.	1705.	1798.	1755.
1479.9780	277.	2214.	1710.	1770.	1822.
1480.3180	260.	2336.	1654.	1754.	1931.
1480.6580	264.	2369.	1698.	1736.	1812.
1480.9980	254.	2392.	1682.	1833.	1918.
1481.3380	270.	2422.	1676.	1790.	1917.

1481.6780	250.	2386.	1692.	1778.	1914.
1482.0170	234.	2440.	1610.	1793.	1838.
1482.3570	246.	2341.	1692.	1742.	1824.
1482.6970	250.	2295.	1670.	1882.	1894.
1483.0370	239.	2390.	1663.	1729.	1861.
1483.3770	273.	2318.	1711.	1780.	1925.
1483.7160	236.	2316.	1681.	1718.	1845.
1484.0560	242.	2414.	1722.	1687.	1786.
1484.3960	280.	2360.	1664.	1748.	1867.
1484.7360	242.	2349.	1685.	1732.	1900.
1485.0750	248.	2253.	1643.	1761.	1890.
1485.4150	251.	2331.	1700.	1748.	1896.
1485.7540	261.	2431.	1696.	1794.	1893.
1486.0940	259.	2346.	1600.	1825.	1812.
1486.4340	262.	2364.	1694.	1768.	1848.
1486.7730	249.	2299.	1700.	1827.	1867.
1487.1130	259.	2336.	1710.	1760.	1835.
1487.4520	243.	2361.	1583.	1748.	1898.
1487.7920	263.	2409.	1661.	1771.	1869.
1488.1310	260.	2331.	1650.	1753.	1764.
1488.4710	262.	2290.	1781.	1770.	1902.
1488.8100	264.	2441.	1588.	1861.	1866.
1489.1490	233.	2202.	1690.	1587.	1829.
1489.4890	240.	2435.	1711.	1780.	1839.
1489.8280	248.	2318.	1687.	1716.	1803.
1490.1680	259.	2377.	1717.	1821.	1863.
1490.5070	241.	2326.	1612.	1768.	1843.
1490.8460	275.	2430.	1576.	1795.	1872.

1491.1850	260.	2336.	1690.	1748.	1820.
1491.5250	277.	2377.	1576.	1872.	1874.
1491.8640	244.	2365.	1669.	1709.	1848.
1492.2030	240.	2302.	1727.	1787.	1811.
1492.5420	292.	2379.	1635.	1775.	1842.
1492.8810	273.	2406.	1627.	1805.	1880.
1493.2210	237.	2312.	1574.	1761.	1899.
1493.5600	267.	2289.	1676.	1743.	1902.
1493.8990	265.	2366.	1660.	1750.	1813.
1494.2380	269.	2277.	1654.	1736.	1821.
1494.5770	268.	2307.	1730.	1784.	1848.
1494.9160	247.	2382.	1755.	1793.	1946.
1495.2550	291.	2341.	1624.	1715.	1925.
1495.5940	246.	2404.	1647.	1782.	1826.
1495.9330	297.	2328.	1660.	1694.	1860.
1496.2720	273.	2425.	1667.	1753.	1888.
1496.6110	260.	2388.	1606.	1782.	1808.
1496.9500	265.	2405.	1710.	1741.	1817.
1497.2890	260.	2410.	1697.	1708.	1813.
1497.6270	265.	2404.	1621.	1803.	1783.
1497.9660	277.	2367.	1579.	1733.	1835.
1498.3050	297.	2371.	1671.	1824.	1823.
1498.6440	245.	2342.	1616.	1696.	1866.
1498.9830	218.	2335.	1646.	1720.	1827.
1499.3210	270.	2327.	1656.	1832.	1873.
1499.6600	233.	2398.	1656.	1805.	1808.
1499.9990	276.	2269.	1650.	1737.	1910.
1500.3370	257.	2290.	1672.	1637.	1903.

1500.6760	244.	2360.	1658.	1735.	1882.
1501.0150	259.	2337.	1711.	1848.	1891.
1501.3530	276.	2325.	1741.	1766.	1833.
1501.6920	277.	2373.	1665.	1748.	1844.
1502.0310	253.	2389.	1691.	1733.	1871.
1502.3690	227.	2404.	1627.	1770.	1782.
1502.7080	286.	2363.	1646.	1760.	1895.
1503.0460	234.	2434.	1661.	1787.	1812.
1503.3850	243.	2325.	1718.	1788.	1861.
1503.7230	269.	2403.	1609.	1774.	1794.
1504.0620	257.	2485.	1597.	1736.	1817.
1504.4000	273.	2350.	1725.	1792.	1883.
1504.7380	255.	2347.	1676.	1799.	1926.
1505.0770	260.	2444.	1681.	1724.	1809.
1505.4150	265.	2398.	1644.	1781.	1816.
1505.7530	244.	2323.	1614.	1779.	1882.
1506.0920	263.	2328.	1724.	1799.	1782.
1506.4300	236.	2324.	1637.	1725.	1892.
1506.7680	252.	2383.	1677.	1793.	1883.
1507.1070	306.	2417.	1603.	1770.	1917.
1507.4450	266.	2381.	1595.	1827.	1774.
1507.7830	265.	2387.	1663.	1883.	1832.
1508.1210	251.	2424.	1695.	1721.	1823.
1508.4590	241.	2350.	1681.	1823.	1818.
1508.7980	268.	2525.	1654.	1818.	1914.
1509.1360	261.	2251.	1671.	1770.	1854.
1509.4740	287.	2429.	1596.	1760.	1894.
1509.8120	242.	2327.	1697.	1802.	1884.

1510.1500	251.	2401.	1640.	1830.	1891.
1510.4880	270.	2308.	1625.	1811.	1897.
1510.8260	286.	2424.	1645.	1781.	1809.
1511.1640	271.	2422.	1649.	1859.	1872.
1511.5020	314.	2478.	1650.	1753.	1820.
1511.8400	255.	2361.	1658.	1777.	1856.
1512.1780	251.	2343.	1587.	1821.	1818.
1512.5160	225.	2301.	1663.	1850.	1866.
1512.8540	269.	2391.	1627.	1788.	1856.
1513.1910	282.	2408.	1567.	1726.	1859.
1513.5290	293.	2439.	1627.	1880.	1820.
1513.8670	264.	2317.	1658.	1821.	1872.
1514.2050	262.	2413.	1690.	1863.	1828.
1514.5430	265.	2450.	1647.	1837.	1784.
1514.8800	287.	2384.	1689.	1816.	1833.
1515.2180	272.	2376.	1701.	1859.	1877.
1515.5560	280.	2323.	1669.	1833.	1860.
1515.8940	265.	2427.	1730.	1838.	1896.
1516.2310	233.	2385.	1596.	1882.	1823.
1516.5690	262.	2392.	1664.	1828.	1783.
1516.9060	265.	2387.	1664.	1775.	1886.
1517.2440	271.	2399.	1711.	1796.	1842.
1517.5820	282.	2385.	1646.	1736.	1920.
1517.9190	260.	2359.	1663.	1760.	1912.
1518.2570	295.	2467.	1629.	1843.	1877.
1518.5940	245.	2402.	1752.	1785.	1829.
1518.9320	278.	2358.	1659.	1782.	1784.
1519.2690	258.	2431.	1695.	1795.	1844.

1519.6070	243.	2348.	1648.	1872.	1870.
1519.9440	284.	2367.	1640.	1844.	1846.
1520.2820	262.	2364.	1684.	1742.	1860.
1520.6190	248.	2400.	1586.	1866.	1856.
1520.9560	295.	2370.	1624.	1828.	1832.
1521.2940	261.	2328.	1705.	1827.	1838.
1521.6310	276.	2438.	1730.	1871.	1895.
1521.9680	281.	2488.	1547.	1814.	1866.
1522.3050	241.	2435.	1688.	1897.	1792.
1522.6430	289.	2431.	1669.	1807.	1979.
1522.9800	277.	2366.	1647.	1890.	1902.
1523.3170	262.	2393.	1710.	1784.	1840.
1523.6540	283.	2503.	1780.	1820.	1852.
1523.9920	266.	2494.	1646.	1802.	1905.
1524.3290	309.	2360.	1697.	1841.	1812.
1524.6660	251.	2412.	1678.	1795.	1810.
1525.0030	292.	2383.	1580.	1747.	1876.
1525.3400	257.	2386.	1675.	1746.	1822.
1525.6770	268.	2369.	1658.	1845.	1820.
1526.0140	273.	2420.	1620.	1821.	1883.
1526.3510	268.	2419.	1677.	1896.	1806.
1526.6880	302.	2386.	1620.	1849.	1926.
1527.0250	304.	2334.	1620.	1859.	1862.
1527.3620	261.	2468.	1607.	1971.	1886.
1527.6990	248.	2369.	1697.	1867.	1869.
1528.0360	268.	2463.	1754.	1820.	1810.
1528.3730	276.	2446.	1626.	1745.	1906.
1528.7100	297.	2459.	1590.	1941.	1798.

1529.0460	286.	2478.	1597.	1791.	1832.
1529.3830	259.	2440.	1616.	1837.	1851.
1529.7200	277.	2384.	1721.	1883.	1895.
1530.0570	287.	2493.	1775.	1829.	1850.
1530.3940	270.	2403.	1664.	1920.	1894.
1530.7300	292.	2493.	1687.	1853.	1850.
1531.0670	279.	2417.	1581.	1834.	1883.
1531.4040	261.	2408.	1706.	1857.	1846.
1531.7400	274.	2370.	1667.	1917.	1811.
1532.0770	272.	2412.	1664.	1915.	1803.
1532.4140	280.	2430.	1672.	1878.	1917.
1532.7500	293.	2434.	1648.	1798.	1844.
1533.0870	229.	2360.	1696.	1848.	1939.
1533.4240	308.	2493.	1615.	1892.	1843.
1533.7600	311.	2483.	1593.	1821.	1919.
1534.0970	280.	2460.	1690.	1974.	1873.
1534.4330	297.	2434.	1723.	1804.	1810.
1534.7700	309.	2436.	1656.	1808.	1903.
1535.1060	256.	2410.	1630.	1894.	1791.
1535.4420	252.	2467.	1744.	1749.	1769.
1535.7790	296.	2389.	1690.	1752.	1835.
1536.1150	283.	2456.	1613.	1959.	1797.
1536.4520	281.	2357.	1728.	1851.	1878.
1536.7880	288.	2502.	1676.	1827.	1904.
1537.1240	304.	2355.	1711.	1771.	1840.
1537.4610	292.	2383.	1705.	2024.	1857.
1537.7970	285.	2377.	1676.	1796.	1854.
1538.1330	260.	2429.	1657.	1868.	1822.

1538.4690	265.	2415.	1713.	1892.	1827.
1538.8060	316.	2461.	1670.	1866.	1875.
1539.1420	279.	2444.	1778.	1910.	1819.
1539.4780	275.	2503.	1803.	1912.	1815.
1539.8140	272.	2553.	1630.	1890.	1873.
1540.1500	303.	2399.	1639.	1896.	1790.
1540.4860	273.	2428.	1723.	1843.	1841.
1540.8220	261.	2437.	1654.	1878.	1776.
1541.1590	272.	2450.	1664.	1851.	1810.
1541.4950	259.	2416.	1683.	1936.	1863.
1541.8310	278.	2464.	1749.	1803.	1851.
1542.1670	303.	2472.	1694.	1911.	1877.
1542.5030	305.	2455.	1707.	1892.	1822.
1542.8390	277.	2508.	1630.	1870.	1851.
1543.1750	294.	2368.	1668.	1884.	1859.
1543.5100	278.	2388.	1660.	1927.	1897.
1543.8460	299.	2445.	1736.	1864.	1848.
1544.1820	327.	2526.	1682.	1948.	1836.
1544.5180	313.	2477.	1683.	1927.	1832.
1544.8540	264.	2558.	1674.	1891.	1891.
1545.1900	268.	2394.	1705.	1857.	1833.
1545.5250	324.	2427.	1713.	1951.	1885.
1545.8610	289.	2454.	1657.	1880.	1802.
1546.1970	275.	2444.	1739.	1952.	1835.
1546.5330	294.	2479.	1726.	1742.	1931.
1546.8680	279.	2580.	1669.	1964.	1822.
1547.2040	304.	2406.	1688.	1937.	1901.
1547.5400	300.	2467.	1692.	1944.	1944.

1547.8750	261.	2493.	1709.	1858.	1903.
1548.2110	298.	2456.	1730.	1933.	1869.
1548.5470	270.	2525.	1631.	1816.	1772.
1548.8820	282.	2413.	1752.	1970.	1845.
1549.2180	322.	2303.	1610.	1881.	1816.
1549.5530	275.	2525.	1729.	1961.	1822.
1549.8890	307.	2509.	1770.	1872.	1815.
1550.2240	284.	2441.	1672.	1911.	1822.
1550.5600	283.	2539.	1625.	1971.	1927.
1550.8950	297.	2414.	1722.	1875.	1843.
1551.2310	279.	2475.	1657.	1882.	1882.
1551.5660	329.	2539.	1656.	1884.	1840.
1551.9010	310.	2375.	1767.	1902.	1833.
1552.2370	292.	2450.	1654.	1901.	1829.
1552.5720	283.	2376.	1676.	1926.	1858.
1552.9070	300.	2491.	1751.	1987.	1981.
1553.2430	324.	2444.	1672.	1917.	1878.
1553.5780	306.	2410.	1703.	2021.	1878.
1553.9130	298.	2453.	1707.	1921.	1869.
1554.2480	347.	2453.	1674.	1923.	1841.
1554.5840	265.	2570.	1693.	1917.	1841.
1554.9190	275.	2516.	1778.	1889.	1914.
1555.2540	327.	2580.	1750.	2017.	1860.
1555.5890	311.	2499.	1693.	2111.	1862.
1555.9240	293.	2476.	1619.	1979.	1903.
1556.2590	303.	2496.	1793.	1934.	1897.
1556.5940	372.	2600.	1770.	1966.	1882.
1556.9290	310.	2446.	1829.	2027.	1878.

1557.2650	319.	2532.	1661.	2042.	1864.
1557.6000	348.	2469.	1730.	1946.	1872.
1557.9350	298.	2444.	1725.	1946.	1918.
1558.2700	298.	2541.	1713.	2002.	1875.
1558.6040	292.	2530.	1770.	2046.	1887.
1558.9390	289.	2508.	1784.	1983.	1862.
1559.2740	354.	2529.	1734.	2028.	1827.
1559.6090	342.	2464.	1730.	1903.	1897.
1559.9440	286.	2505.	1750.	1984.	1858.
1560.2790	385.	2529.	1734.	1933.	1831.
1560.6140	339.	2630.	1801.	2025.	1814.
1560.9490	324.	2464.	1751.	2005.	1829.
1561.2830	292.	2440.	1742.	1981.	1910.
1561.6180	314.	2448.	1797.	1890.	1887.
1561.9530	335.	2590.	1766.	1969.	1860.
1562.2870	289.	2451.	1746.	2060.	1902.
1562.6220	288.	2528.	1738.	1969.	1810.
1562.9570	294.	2506.	1721.	1971.	1814.
1563.2920	347.	2605.	1766.	2006.	1908.
1563.6260	249.	2407.	1690.	2017.	1784.
1563.9610	259.	2555.	1680.	1972.	1838.
1564.2950	296.	2600.	1729.	2009.	1823.
1564.6300	297.	2581.	1737.	1904.	1797.
1564.9640	332.	2543.	1760.	1982.	1923.
1565.2990	291.	2529.	1700.	1938.	1852.
1565.6330	305.	2453.	1599.	1881.	1834.
1565.9680	323.	2523.	1814.	2071.	1842.
1566.3020	342.	2453.	1836.	2049.	1827.

1566.6370	305.	2589.	1706.	1937.	1819.
1566.9710	278.	2457.	1781.	2011.	1884.
1567.3060	299.	2486.	1714.	2016.	1754.
1567.6400	305.	2511.	1771.	1939.	1791.
1567.9740	300.	2546.	1741.	1977.	1841.
1568.3090	309.	2491.	1725.	1994.	1845.
1568.6430	323.	2483.	1819.	1992.	1874.
1568.9770	326.	2539.	1739.	1995.	1878.
1569.3120	340.	2500.	1743.	1917.	1913.
1569.6460	291.	2432.	1774.	1879.	1916.
1569.9800	342.	2517.	1694.	1987.	1894.
1570.3140	287.	2545.	1783.	1988.	1897.
1570.6480	318.	2534.	1816.	1998.	1876.
1570.9830	323.	2599.	1787.	1937.	1868.
1571.3170	301.	2534.	1714.	1936.	1906.
1571.6510	327.	2577.	1829.	1916.	1825.
1571.9850	340.	2530.	1707.	2055.	1863.
1572.3190	300.	2581.	1805.	1977.	1872.
1572.6530	316.	2565.	1805.	1846.	1727.
1572.9870	317.	2693.	1737.	2011.	1887.
1573.3210	313.	2589.	1804.	2006.	1839.
1573.6550	323.	2553.	1791.	2137.	1837.
1573.9890	327.	2570.	1847.	1928.	1845.
1574.3230	294.	2562.	1786.	1996.	1833.
1574.6570	314.	2587.	1767.	1953.	1859.
1574.9910	337.	2727.	1897.	1921.	1899.
1575.3250	328.	2662.	1775.	1993.	1844.
1575.6580	328.	2616.	1823.	1997.	1859.

1575.9920	332.	2529.	1876.	1940.	1933.
1576.3260	332.	2560.	1788.	2035.	1933.
1576.6600	334.	2517.	1771.	2077.	1864.
1576.9940	367.	2600.	1778.	2037.	1846.
1577.3270	316.	2541.	1878.	1992.	1900.
1577.6610	338.	2542.	1763.	1984.	1763.
1577.9950	356.	2599.	1824.	1911.	1820.
1578.3290	352.	2509.	1819.	2040.	1850.
1578.6620	318.	2602.	1780.	2023.	1816.
1578.9960	293.	2633.	1761.	2079.	1796.
1579.3290	328.	2468.	1892.	1998.	1879.
1579.6630	322.	2580.	1803.	2086.	1908.
1579.9970	289.	2533.	1865.	2049.	1913.
1580.3300	372.	2581.	1782.	2085.	1845.
1580.6640	317.	2601.	1852.	2025.	1814.
1580.9970	346.	2649.	1771.	2028.	1894.
1581.3310	340.	2612.	1838.	2100.	1912.
1581.6640	343.	2629.	1770.	1984.	1860.
1581.9980	313.	2608.	1861.	2067.	1877.
1582.3310	342.	2682.	1789.	2081.	1923.
1582.6650	313.	2568.	1786.	2079.	1793.
1582.9980	336.	2548.	1851.	2039.	1814.
1583.3310	312.	2670.	1802.	2007.	1902.
1583.6650	320.	2636.	1770.	2075.	1912.
1583.9980	346.	2544.	1826.	2055.	1801.
1584.3310	292.	2599.	1838.	2048.	1831.
1584.6640	343.	2653.	1776.	2059.	1802.
1584.9980	336.	2628.	1801.	2030.	1880.

1585.3310	316.	2580.	1819.	1971.	1884.
1585.6640	320.	2681.	1802.	2008.	1875.
1585.9970	327.	2660.	1830.	2054.	1926.
1586.3310	328.	2733.	1863.	2156.	1874.
1586.6640	316.	2707.	1796.	2064.	1873.
1586.9970	344.	2630.	1846.	2015.	1875.
1587.3300	328.	2694.	1914.	2054.	1826.
1587.6630	327.	2600.	1812.	2075.	1857.
1587.9960	295.	2603.	1965.	2048.	1823.
1588.3290	319.	2584.	1901.	2102.	1852.
1588.6620	334.	2705.	1759.	2039.	1926.
1588.9950	352.	2723.	1813.	2068.	1891.
1589.3280	350.	2668.	1822.	2205.	1779.
1589.6610	325.	2629.	1905.	2149.	1895.
1589.9940	335.	2732.	1924.	2171.	1825.
1590.3270	319.	2675.	1863.	2147.	1822.
1590.6600	340.	2582.	1857.	2064.	1841.
1590.9930	312.	2635.	1881.	2172.	1866.
1591.3260	352.	2671.	1881.	2105.	1865.
1591.6580	339.	2714.	1934.	2114.	1775.
1591.9910	356.	2613.	1850.	2002.	1829.
1592.3240	345.	2702.	1839.	2165.	1860.
1592.6570	309.	2766.	1859.	2168.	1934.
1592.9900	367.	2661.	1793.	2213.	1875.
1593.3220	311.	2775.	1875.	2057.	1862.
1593.6550	372.	2622.	1832.	2173.	1813.
1593.9880	325.	2571.	1827.	2081.	1852.
1594.3200	320.	2649.	1932.	2167.	1836.

1594.6530	376.	2678.	1787.	2163.	1928.
1594.9860	361.	2711.	1844.	2104.	1860.
1595.3180	318.	2751.	1884.	2096.	1857.
1595.6510	351.	2742.	1905.	2118.	1827.
1595.9830	337.	2718.	1858.	2106.	1864.
1596.3160	352.	2620.	1823.	2120.	1881.
1596.6480	321.	2806.	1836.	2179.	1873.
1596.9810	336.	2634.	1874.	2170.	1904.
1597.3130	338.	2632.	1904.	2132.	1906.
1597.6460	366.	2605.	1856.	2082.	1891.
1597.9780	379.	2692.	1816.	2210.	1910.
1598.3110	350.	2661.	1826.	2130.	1892.
1598.6430	342.	2753.	1828.	2158.	1894.
1598.9750	325.	2714.	1820.	2289.	1842.
1599.3080	317.	2674.	1877.	2233.	1864.
1599.6400	324.	2617.	1802.	2104.	1798.
1599.9720	336.	2731.	1892.	2207.	1850.
1600.3050	342.	2606.	1824.	2212.	1838.
1600.6370	346.	2706.	1962.	2143.	1932.
1600.9690	341.	2685.	1862.	2180.	1828.
1601.3010	340.	2686.	1826.	2119.	1927.
1601.6330	344.	2660.	1841.	2171.	1863.
1601.9660	314.	2716.	1810.	2345.	1894.
1602.2980	320.	2678.	1834.	2218.	1926.
1602.6300	342.	2685.	1854.	2173.	1805.
1602.9620	344.	2662.	1818.	2139.	1912.
1603.2940	291.	2661.	1870.	2159.	1821.
1603.6260	352.	2592.	1865.	2168.	1922.

1603.9580	334.	2657.	1778.	2227.	1877.
1604.2900	356.	2538.	1894.	2294.	1788.
1604.6220	349.	2571.	1811.	2201.	1891.
1604.9540	358.	2697.	1903.	2168.	1927.
1605.2860	351.	2655.	1833.	2118.	1852.
1605.6180	327.	2575.	1834.	2161.	1893.
1605.9500	320.	2711.	1805.	2285.	1908.
1606.2820	313.	2713.	1824.	2187.	1853.
1606.6140	348.	2642.	1804.	2227.	1879.
1606.9460	299.	2706.	1777.	2257.	1969.
1607.2770	309.	2628.	1821.	2155.	1815.
1607.6090	329.	2680.	1797.	2196.	1918.
1607.9410	341.	2621.	1852.	2211.	1763.
1608.2730	353.	2640.	1780.	2284.	1926.
1608.6040	354.	2644.	1834.	2288.	1813.
1608.9360	320.	2603.	1830.	2218.	1925.
1609.2680	359.	2718.	1796.	2186.	1843.
1609.6000	275.	2654.	1813.	2213.	1833.
1609.9310	332.	2628.	1743.	2178.	1903.
1610.2630	359.	2678.	1850.	2271.	1889.
1610.5940	357.	2657.	1868.	2332.	1880.
1610.9260	305.	2637.	1843.	2242.	1913.
1611.2580	297.	2646.	1828.	2261.	1850.
1611.5890	348.	2658.	1807.	2332.	1890.
1611.9210	308.	2652.	1926.	2335.	1906.
1612.2520	330.	2562.	1874.	2312.	1933.
1612.5840	318.	2610.	1807.	2188.	1907.
1612.9150	328.	2623.	1775.	2312.	1866.

1613.2470	297.	2621.	1790.	2288.	1920.
1613.5780	287.	2636.	1833.	2305.	1848.
1613.9090	330.	2578.	1776.	2249.	1879.
1614.2410	322.	2650.	1745.	2238.	1901.
1614.5720	294.	2681.	1740.	2287.	1890.
1614.9040	313.	2609.	1761.	2293.	1816.
1615.2350	317.	2570.	1840.	2280.	1935.
1615.5660	270.	2674.	1815.	2230.	1866.
1615.8970	334.	2563.	1780.	2303.	1882.
1616.2290	259.	2640.	1805.	2402.	1861.
1616.5600	349.	2674.	1789.	2342.	1892.
1616.8910	269.	2650.	1789.	2337.	1837.
1617.2220	303.	2640.	1825.	2300.	1864.
1617.5530	326.	2474.	1723.	2323.	1965.
1617.8850	269.	2583.	1758.	2325.	1846.
1618.2160	295.	2558.	1780.	2313.	1873.
1618.5470	314.	2641.	1784.	2379.	1867.
1618.8780	297.	2592.	1774.	2257.	1852.
1619.2090	313.	2593.	1790.	2292.	1890.
1619.5400	282.	2613.	1718.	2342.	1891.
1619.8710	291.	2559.	1748.	2253.	1860.
1620.2020	292.	2589.	1851.	2345.	1858.
1620.5330	324.	2527.	1704.	2290.	1831.
1620.8640	295.	2424.	1744.	2262.	1818.
1621.1950	297.	2490.	1718.	2330.	1895.
1621.5260	305.	2520.	1789.	2253.	1866.
1621.8570	271.	2527.	1742.	2361.	1833.
1622.1880	312.	2560.	1735.	2257.	1851.

1622.5180	263.	2503.	1748.	2379.	1951.
1622.8490	279.	2480.	1647.	2407.	1832.
1623.1800	300.	2523.	1742.	2375.	1845.
1623.5110	305.	2453.	1799.	2315.	1817.
1623.8420	297.	2550.	1637.	2441.	1814.
1624.1720	301.	2538.	1773.	2289.	1796.
1624.5030	269.	2547.	1794.	2360.	1853.
1624.8340	260.	2583.	1740.	2355.	1790.
1625.1640	267.	2423.	1731.	2374.	1932.
1625.4950	288.	2565.	1732.	2339.	1847.
1625.8260	245.	2519.	1758.	2410.	1841.
1626.1560	286.	2454.	1794.	2372.	1957.
1626.4870	246.	2436.	1664.	2387.	1825.
1626.8180	253.	2449.	1722.	2345.	2034.
1627.1480	265.	2383.	1752.	2371.	1877.
1627.4790	314.	2442.	1751.	2342.	1906.
1627.8090	287.	2450.	1683.	2347.	1823.
1628.1400	233.	2409.	1685.	2368.	1880.
1628.4700	293.	2553.	1642.	2467.	1842.
1628.8010	297.	2480.	1740.	2429.	1850.
1629.1310	252.	2408.	1679.	2434.	1851.
1629.4610	314.	2523.	1695.	2354.	1847.
1629.7920	279.	2321.	1628.	2291.	1834.
1630.1220	297.	2523.	1732.	2416.	1885.
1630.4520	240.	2391.	1666.	2378.	1879.
1630.7830	252.	2420.	1674.	2441.	1844.
1631.1130	290.	2456.	1655.	2395.	1778.
1631.4430	277.	2410.	1689.	2391.	1899.

1631.7740	274.	2361.	1586.	2296.	1893.
1632.1040	264.	2435.	1679.	2513.	1828.
1632.4340	286.	2463.	1635.	2448.	1843.
1632.7640	188.	2437.	1589.	2472.	1898.
1633.0940	250.	2394.	1685.	2445.	1854.
1633.4250	238.	2466.	1612.	2530.	1882.
1633.7550	245.	2367.	1601.	2407.	1803.
1634.0850	260.	2337.	1650.	2429.	1922.
1634.4150	277.	2429.	1627.	2393.	1964.
1634.7450	272.	2339.	1678.	2514.	1866.
1635.0750	298.	2485.	1589.	2514.	1929.
1635.4050	239.	2406.	1561.	2450.	1882.
1635.7350	255.	2385.	1608.	2546.	1802.
1636.0650	256.	2411.	1668.	2441.	1957.
1636.3950	249.	2369.	1720.	2428.	1871.
1636.7250	268.	2334.	1572.	2415.	1905.
1637.0550	248.	2333.	1685.	2496.	1898.
1637.3850	255.	2309.	1652.	2440.	1896.
1637.7150	250.	2221.	1579.	2475.	1901.
1638.0440	249.	2364.	1606.	2510.	1846.
1638.3740	245.	2313.	1620.	2489.	1836.
1638.7040	250.	2319.	1507.	2293.	1846.
1639.0340	235.	2333.	1583.	2491.	1797.
1639.3640	258.	2377.	1586.	2493.	1897.
1639.6930	259.	2285.	1553.	2590.	1840.
1640.0230	278.	2438.	1632.	2443.	1842.
1640.3530	241.	2331.	1606.	2417.	1908.
1640.6830	184.	2290.	1632.	2489.	1888.

1641.0120	249.	2310.	1612.	2494.	1880.
1641.3420	250.	2249.	1465.	2436.	1932.
1641.6710	239.	2310.	1517.	2527.	1886.
1642.0010	216.	2336.	1529.	2467.	1879.
1642.3310	245.	2294.	1677.	2586.	1871.
1642.6600	240.	2224.	1638.	2457.	1896.
1642.9900	258.	2239.	1632.	2506.	1889.
1643.3190	226.	2272.	1621.	2428.	1799.
1643.6490	253.	2317.	1550.	2576.	1762.
1643.9780	216.	2332.	1546.	2496.	1767.
1644.3080	236.	2184.	1662.	2504.	1896.
1644.6370	241.	2256.	1538.	2578.	1864.
1644.9660	259.	2192.	1473.	2452.	1840.
1645.2960	242.	2162.	1551.	2409.	1901.
1645.6250	230.	2268.	1487.	2676.	1858.
1645.9550	239.	2267.	1548.	2516.	1894.
1646.2840	261.	2246.	1541.	2521.	1871.
1646.6130	212.	2326.	1573.	2405.	1814.
1646.9420	214.	2240.	1546.	2522.	1893.
1647.2720	243.	2122.	1526.	2493.	1906.
1647.6010	250.	2306.	1553.	2483.	1904.
1647.9300	199.	2155.	1558.	2524.	1871.
1648.2590	242.	2141.	1547.	2536.	1891.
1648.5890	213.	2298.	1512.	2546.	1953.
1648.9180	230.	2220.	1582.	2508.	1863.
1649.2470	206.	2197.	1556.	2564.	1903.
1649.5760	231.	2189.	1526.	2532.	1808.
1649.9050	217.	2196.	1593.	2465.	1953.

1650.2340	222.	2209.	1557.	2499.	1913.
1650.5630	212.	2212.	1430.	2503.	1864.
1650.8920	237.	2196.	1476.	2571.	1914.
1651.2210	247.	2075.	1560.	2526.	1887.
1651.5500	200.	2151.	1523.	2500.	1890.
1651.8790	205.	2224.	1502.	2530.	1823.
1652.2080	210.	2112.	1492.	2520.	1800.
1652.5370	188.	2139.	1533.	2470.	1848.
1652.8660	224.	2103.	1499.	2533.	1900.
1653.1950	203.	2106.	1502.	2529.	1886.
1653.5240	229.	2164.	1491.	2573.	1890.
1653.8520	179.	2096.	1532.	2558.	1861.
1654.1810	227.	2154.	1473.	2604.	1882.
1654.5100	231.	2172.	1502.	2613.	1906.
1654.8390	224.	2176.	1522.	2581.	1920.
1655.1680	231.	2223.	1499.	2515.	1828.
1655.4960	198.	2152.	1519.	2457.	1892.
1655.8250	186.	2141.	1486.	2550.	1838.
1656.1540	232.	2140.	1488.	2547.	1892.
1656.4820	228.	2163.	1542.	2626.	1881.
1656.8110	228.	2154.	1484.	2636.	1865.
1657.1400	232.	2190.	1595.	2564.	1902.
1657.4680	225.	2151.	1581.	2568.	1909.
1657.7970	213.	2146.	1521.	2666.	1885.
1658.1250	209.	2118.	1595.	2613.	1872.
1658.4540	182.	2036.	1511.	2664.	1952.
1658.7830	215.	2166.	1494.	2570.	1866.
1659.1110	197.	2048.	1547.	2478.	1931.

1659.4400	191.	2098.	1488.	2600.	1895.
1659.7680	182.	2194.	1527.	2662.	1958.
1660.0960	198.	2193.	1492.	2553.	1827.
1660.4250	221.	2211.	1505.	2525.	1916.
1660.7530	209.	2112.	1482.	2617.	1864.
1661.0820	205.	2002.	1451.	2537.	1839.
1661.4100	204.	2125.	1446.	2662.	1936.
1661.7380	191.	2075.	1470.	2556.	1841.
1662.0670	228.	2118.	1430.	2563.	1818.
1662.3950	226.	2021.	1562.	2552.	1946.
1662.7230	194.	2131.	1541.	2489.	1911.
1663.0510	198.	2083.	1491.	2490.	1976.
1663.3800	230.	2137.	1461.	2646.	1859.
1663.7080	234.	2155.	1470.	2623.	1882.
1664.0360	232.	2187.	1563.	2532.	1873.
1664.3640	192.	2025.	1501.	2590.	1995.
1664.6920	201.	2082.	1447.	2505.	1857.
1665.0200	187.	1939.	1549.	2521.	1943.
1665.3490	196.	2119.	1586.	2524.	1879.
1665.6770	234.	2071.	1491.	2642.	1912.
1666.0050	186.	2105.	1516.	2551.	1896.
1666.3330	218.	2057.	1453.	2501.	1789.
1666.6610	216.	2026.	1466.	2468.	1824.
1666.9890	234.	2050.	1487.	2672.	1905.
1667.3170	188.	2160.	1455.	2629.	1893.
1667.6450	214.	1963.	1527.	2568.	1885.
1667.9730	212.	2048.	1444.	2458.	1827.
1668.3000	182.	1998.	1464.	2578.	1899.

1668.6280	210.	2091.	1528.	2533.	1888.
1668.9560	195.	2065.	1485.	2549.	1972.
1669.2840	184.	2016.	1514.	2545.	1919.
1669.6120	216.	2045.	1391.	2673.	1864.
1669.9400	181.	2063.	1463.	2477.	1806.
1670.2670	207.	2035.	1465.	2584.	1836.
1670.5950	206.	2021.	1492.	2507.	1843.
1670.9230	178.	2002.	1485.	2559.	1930.
1671.2510	194.	2004.	1504.	2560.	1935.
1671.5780	180.	2026.	1456.	2582.	1914.
1671.9060	186.	2010.	1495.	2567.	1896.
1672.2340	187.	1967.	1496.	2518.	1909.
1672.5610	188.	1943.	1472.	2589.	1816.
1672.8890	176.	2015.	1482.	2525.	1880.
1673.2170	199.	2007.	1421.	2445.	1862.
1673.5440	218.	1974.	1557.	2564.	1905.
1673.8720	168.	2038.	1452.	2602.	1912.
1674.1990	171.	2093.	1461.	2606.	1841.
1674.5270	187.	1962.	1421.	2551.	1918.
1674.8540	190.	2026.	1426.	2517.	1886.
1675.1820	190.	2051.	1466.	2551.	1952.
1675.5090	218.	1979.	1448.	2531.	1854.
1675.8370	218.	2073.	1475.	2633.	1788.
1676.1640	178.	1929.	1380.	2446.	1865.
1676.4910	210.	2018.	1545.	2492.	1877.
1676.8190	197.	1946.	1443.	2646.	1950.
1677.1460	218.	2016.	1463.	2435.	1922.
1677.4730	175.	1941.	1409.	2560.	1832.

1677.8010	204.	1973.	1394.	2505.	1866.
1678.1280	183.	1920.	1444.	2523.	1874.
1678.4550	195.	1898.	1409.	2565.	1919.
1678.7820	174.	1945.	1441.	2632.	1887.
1679.1100	199.	2009.	1500.	2534.	1928.
1679.4370	164.	2055.	1380.	2553.	1859.
1679.7640	181.	1959.	1445.	2624.	1865.
1680.0910	206.	1777.	1467.	2587.	1875.
1680.4180	181.	2021.	1508.	2582.	1843.
1680.7450	186.	1893.	1448.	2614.	1865.
1681.0730	152.	1991.	1384.	2543.	1913.
1681.4000	205.	1903.	1410.	2450.	1871.
1681.7270	201.	1954.	1486.	2671.	1866.
1682.0540	208.	1842.	1504.	2502.	1870.
1682.3810	208.	1864.	1429.	2452.	1864.
1682.7080	174.	1978.	1373.	2542.	1873.
1683.0350	183.	1982.	1472.	2642.	1903.
1683.3620	162.	1983.	1417.	2485.	1962.
1683.6880	182.	1949.	1461.	2473.	1989.
1684.0150	176.	1958.	1471.	2489.	1868.
1684.3420	179.	1956.	1477.	2522.	1892.
1684.6690	157.	1920.	1415.	2522.	1909.
1684.9960	186.	2033.	1375.	2556.	1916.
1685.3230	184.	1983.	1441.	2340.	1839.
1685.6500	184.	1946.	1489.	2440.	1837.
1685.9760	161.	1923.	1499.	2513.	1807.
1686.3030	181.	1875.	1358.	2439.	1829.
1686.6300	188.	1939.	1416.	2443.	1892.

1686.9570	166.	1925.	1382.	2456.	1913.
1687.2830	183.	1935.	1477.	2462.	1865.
1687.6100	156.	1896.	1389.	2518.	1931.
1687.9370	180.	1930.	1407.	2529.	1933.
1688.2630	179.	1914.	1357.	2427.	1912.
1688.5900	184.	1942.	1431.	2495.	1965.
1688.9160	162.	1892.	1410.	2460.	1862.
1689.2430	192.	1912.	1289.	2407.	1896.
1689.5690	168.	1873.	1457.	2401.	1922.
1689.8960	189.	1894.	1359.	2369.	1971.
1690.2220	161.	1841.	1400.	2385.	1840.
1690.5490	147.	1851.	1322.	2388.	1962.
1690.8750	185.	1996.	1371.	2464.	1961.
1691.2020	176.	1892.	1418.	2423.	1791.
1691.5280	168.	1837.	1410.	2507.	1908.
1691.8550	168.	1782.	1376.	2408.	1872.
1692.1810	179.	1956.	1445.	2473.	1823.
1692.5070	158.	1925.	1317.	2415.	1853.
1692.8340	191.	1847.	1382.	2328.	1926.
1693.1600	181.	1877.	1395.	2494.	1822.
1693.4860	168.	1846.	1395.	2385.	1973.
1693.8130	172.	1871.	1431.	2427.	1851.
1694.1390	181.	1781.	1396.	2465.	1872.
1694.4650	192.	1868.	1349.	2466.	1874.
1694.7910	148.	1829.	1399.	2457.	1801.
1695.1170	147.	1947.	1327.	2428.	1841.
1695.4440	184.	1836.	1423.	2450.	1932.
1695.7700	162.	1862.	1360.	2311.	1923.

1696.0960	147.	1925.	1437.	2412.	1842.
1696.4220	200.	1893.	1434.	2441.	1822.
1696.7480	173.	1875.	1332.	2464.	1903.
1697.0740	183.	1838.	1340.	2344.	1801.
1697.4000	155.	1837.	1347.	2380.	1843.
1697.7260	184.	1863.	1396.	2333.	1853.
1698.0520	165.	1823.	1335.	2445.	1971.
1698.3780	170.	1804.	1367.	2453.	1917.
1698.7040	196.	1880.	1373.	2404.	1841.
1699.0300	180.	1799.	1326.	2442.	1867.
1699.3560	174.	1764.	1297.	2390.	1821.
1699.6820	192.	1769.	1379.	2293.	1863.
1700.0080	189.	1809.	1318.	2336.	1814.
1700.3340	175.	1882.	1312.	2429.	1846.
1700.6590	163.	1760.	1367.	2446.	1912.
1700.9850	180.	1786.	1478.	2345.	1892.
1701.3110	175.	1744.	1390.	2345.	1885.
1701.6370	171.	1865.	1371.	2291.	1912.
1701.9630	187.	1784.	1353.	2272.	1893.
1702.2880	139.	1827.	1371.	2323.	1912.
1702.6140	176.	1892.	1305.	2301.	1797.
1702.9400	180.	1806.	1387.	2431.	1826.
1703.2650	190.	1723.	1319.	2332.	1886.
1703.5910	170.	1759.	1352.	2240.	1909.
1703.9170	172.	1838.	1390.	2345.	1841.
1704.2420	170.	1734.	1375.	2302.	1824.
1704.5680	156.	1809.	1275.	2258.	1908.
1704.8930	159.	1808.	1435.	2359.	1855.

1705.2190	190.	1756.	1347.	2314.	1881.
1705.5440	170.	1709.	1363.	2200.	1862.
1705.8700	169.	1777.	1343.	2298.	1840.
1706.1950	163.	1693.	1334.	2235.	1863.
1706.5210	184.	1746.	1341.	2216.	1885.
1706.8460	164.	1763.	1364.	2187.	1899.
1707.1720	167.	1800.	1379.	2222.	1906.
1707.4970	186.	1827.	1328.	2297.	1839.
1707.8220	193.	1788.	1296.	2193.	1907.
1708.1480	164.	1667.	1343.	2264.	1822.
1708.4730	166.	1752.	1368.	2236.	1918.
1708.7980	165.	1653.	1306.	2262.	1875.
1709.1240	197.	1759.	1357.	2259.	1863.
1709.4490	155.	1709.	1347.	2190.	1871.
1709.7740	177.	1751.	1288.	2190.	1879.
1710.0990	156.	1736.	1276.	2195.	1831.
1710.4250	179.	1733.	1300.	2234.	1851.
1710.7500	175.	1753.	1336.	2238.	1958.
1711.0750	167.	1728.	1331.	2215.	1862.
1711.4000	185.	1735.	1278.	2184.	1925.
1711.7250	180.	1748.	1310.	2172.	1853.
1712.0500	155.	1798.	1347.	2193.	1888.
1712.3750	192.	1768.	1319.	2247.	1850.
1712.7000	170.	1640.	1289.	2212.	1885.
1713.0250	173.	1752.	1331.	2216.	1815.
1713.3500	147.	1735.	1394.	2214.	1904.
1713.6750	145.	1652.	1356.	2239.	1874.
1714.0000	190.	1681.	1304.	2188.	1923.

1714.3250	179.	1679.	1367.	2080.	1874.
1714.6500	170.	1801.	1335.	2157.	1887.
1714.9750	160.	1688.	1271.	2162.	1927.
1715.3000	170.	1728.	1276.	2076.	1906.
1715.6250	202.	1637.	1298.	2206.	1968.
1715.9500	176.	1743.	1376.	2201.	1869.
1716.2750	170.	1638.	1329.	2181.	1776.
1716.5990	168.	1728.	1359.	2039.	1817.
1716.9240	161.	1713.	1338.	2187.	1848.
1717.2490	165.	1735.	1345.	2086.	1855.
1717.5740	151.	1676.	1295.	2199.	1863.
1717.8980	168.	1573.	1352.	2081.	1898.
1718.2230	175.	1675.	1342.	2080.	1867.
1718.5480	181.	1708.	1214.	2122.	1873.
1718.8730	148.	1689.	1307.	2055.	1878.
1719.1970	183.	1658.	1356.	2065.	1854.
1719.5220	156.	1643.	1231.	2065.	1869.
1719.8460	139.	1725.	1272.	2107.	1883.
1720.1710	170.	1669.	1260.	2049.	1901.
1720.4950	166.	1603.	1338.	2082.	1837.
1720.8200	146.	1712.	1327.	2125.	1821.
1721.1450	150.	1654.	1339.	2088.	1884.
1721.4690	166.	1602.	1293.	1929.	1855.
1721.7940	175.	1733.	1321.	2176.	1848.
1722.1180	159.	1699.	1293.	2025.	1910.
1722.4420	158.	1665.	1290.	2039.	1945.
1722.7670	152.	1660.	1277.	2032.	1916.
1723.0910	184.	1650.	1273.	2002.	1869.

1723.4160	177.	1660.	1321.	2062.	1837.
1723.7400	183.	1674.	1297.	1930.	1868.
1724.0640	186.	1614.	1291.	2019.	1880.
1724.3890	193.	1623.	1248.	2099.	1857.
1724.7130	179.	1698.	1229.	1970.	1831.
1725.0370	168.	1694.	1341.	2054.	1783.
1725.3610	163.	1605.	1245.	1993.	1828.
1725.6860	178.	1592.	1253.	2055.	1858.
1726.0100	173.	1619.	1189.	2044.	1812.
1726.3340	143.	1534.	1265.	2005.	1879.
1726.6580	145.	1604.	1237.	1992.	1855.
1726.9820	197.	1627.	1324.	1971.	1782.
1727.3060	153.	1750.	1282.	1945.	1880.
1727.6300	168.	1597.	1316.	1928.	1919.
1727.9540	155.	1661.	1275.	1897.	1830.
1728.2790	178.	1603.	1291.	1965.	1854.
1728.6030	144.	1600.	1234.	1961.	1871.
1728.9270	157.	1594.	1243.	1937.	1775.
1729.2510	180.	1684.	1154.	1942.	1908.
1729.5750	167.	1555.	1215.	1922.	1832.
1729.8990	181.	1545.	1266.	1965.	1843.
1730.2220	163.	1542.	1306.	1849.	1845.
1730.5460	181.	1617.	1211.	1979.	1816.
1730.8700	160.	1630.	1272.	1946.	1809.
1731.1940	142.	1636.	1267.	1935.	1882.
1731.5180	149.	1492.	1297.	1833.	1852.
1731.8420	186.	1546.	1206.	2017.	1795.
1732.1660	150.	1623.	1266.	1921.	1842.

1732.4890	153.	1582.	1240.	2017.	1764.
1732.8130	179.	1523.	1235.	1844.	1897.
1733.1370	185.	1588.	1300.	1911.	1830.
1733.4610	179.	1582.	1263.	1888.	1888.
1733.7840	145.	1556.	1271.	1905.	1907.
1734.1080	176.	1563.	1203.	1917.	1840.
1734.4320	149.	1573.	1245.	1957.	1895.
1734.7550	173.	1626.	1203.	1860.	1821.
1735.0790	164.	1596.	1240.	1870.	1900.
1735.4020	175.	1598.	1258.	1822.	1768.
1735.7260	160.	1554.	1222.	1815.	1844.
1736.0500	146.	1561.	1259.	1847.	1810.
1736.3730	173.	1566.	1271.	1827.	1881.
1736.6970	152.	1571.	1313.	1847.	1844.
1737.0200	162.	1498.	1266.	1831.	1848.
1737.3440	183.	1617.	1242.	1839.	1801.
1737.6670	162.	1587.	1198.	1836.	1786.
1737.9900	165.	1522.	1249.	1800.	1819.
1738.3140	158.	1557.	1188.	1785.	1771.
1738.6370	158.	1540.	1229.	1754.	1799.
1738.9610	193.	1589.	1183.	1827.	1778.
1739.2840	155.	1552.	1241.	1836.	1815.
1739.6070	143.	1606.	1153.	1751.	1795.
1739.9310	164.	1617.	1239.	1743.	1918.
1740.2540	175.	1545.	1131.	1746.	1850.
1740.5770	170.	1618.	1228.	1707.	1774.
1740.9000	176.	1561.	1217.	1774.	1834.
1741.2240	156.	1524.	1165.	1662.	1890.

1741.5470	174.	1486.	1211.	1797.	1772.
1741.8700	129.	1560.	1252.	1776.	1851.
1742.1930	155.	1570.	1228.	1774.	1780.
1742.5160	176.	1556.	1177.	1661.	1807.
1742.8390	146.	1513.	1250.	1746.	1851.
1743.1630	174.	1457.	1167.	1749.	1857.
1743.4860	153.	1544.	1226.	1768.	1786.
1743.8090	171.	1546.	1140.	1793.	1875.
1744.1320	151.	1477.	1204.	1637.	1735.
1744.4550	163.	1523.	1227.	1676.	1916.
1744.7780	148.	1544.	1202.	1734.	1745.
1745.1010	156.	1547.	1178.	1715.	1767.
1745.4240	167.	1568.	1179.	1708.	1836.
1745.7470	182.	1515.	1180.	1716.	1795.
1746.0690	178.	1443.	1196.	1627.	1779.
1746.3920	182.	1477.	1216.	1649.	1797.
1746.7150	192.	1432.	1228.	1681.	1803.
1747.0380	167.	1521.	1178.	1678.	1809.
1747.3610	148.	1572.	1190.	1715.	1861.
1747.6840	180.	1513.	1179.	1668.	1901.
1748.0060	142.	1468.	1230.	1621.	1828.
1748.3290	168.	1531.	1156.	1700.	1935.
1748.6520	166.	1414.	1170.	1672.	1848.
1748.9750	199.	1518.	1176.	1611.	1825.
1749.2970	120.	1503.	1163.	1650.	1732.
1749.6200	136.	1400.	1115.	1553.	1935.
1749.9430	141.	1465.	1135.	1562.	1848.
1750.2650	163.	1474.	1184.	1685.	1825.

1750.5880	165.	1501.	1187.	1650.	1817.
1750.9110	168.	1495.	1147.	1683.	1881.
1751.2330	140.	1527.	1181.	1621.	1876.
1751.5560	172.	1407.	1177.	1657.	1797.
1751.8780	167.	1433.	1124.	1690.	1766.
1752.2010	167.	1410.	1130.	1606.	1810.
1752.5230	160.	1469.	1199.	1570.	1926.
1752.8460	156.	1397.	1181.	1622.	1778.
1753.1680	173.	1437.	1156.	1650.	1840.
1753.4910	158.	1501.	1124.	1599.	1787.
1753.8130	208.	1543.	1169.	1584.	1883.
1754.1350	147.	1430.	1161.	1623.	1764.
1754.4580	160.	1452.	1208.	1645.	1825.
1754.7800	156.	1483.	1172.	1621.	1789.
1755.1020	194.	1431.	1181.	1592.	1745.
1755.4250	165.	1509.	1175.	1589.	1807.
1755.7470	151.	1465.	1162.	1550.	1856.
1756.0690	153.	1438.	1138.	1634.	1858.
1756.3920	161.	1443.	1182.	1546.	1793.
1756.7140	124.	1439.	1125.	1567.	1786.
1757.0360	182.	1479.	1113.	1600.	1785.
1757.3580	178.	1347.	1170.	1466.	1848.
1757.6800	135.	1481.	1143.	1573.	1764.
1758.0030	152.	1425.	1222.	1583.	1763.
1758.3250	188.	1454.	1178.	1587.	1834.
1758.6470	174.	1339.	1110.	1554.	1797.
1758.9690	146.	1466.	1140.	1558.	1796.
1759.2910	145.	1443.	1168.	1495.	1828.

1759.6130	144.	1381.	1141.	1475.	1782.
1759.9350	175.	1478.	1113.	1525.	1878.
1760.2570	167.	1340.	1186.	1526.	1780.
1760.5790	164.	1399.	1174.	1524.	1804.
1760.9010	145.	1406.	1113.	1500.	1880.
1761.2230	166.	1382.	1167.	1551.	1782.
1761.5450	159.	1453.	1062.	1568.	1795.
1761.8670	183.	1429.	1147.	1573.	1812.
1762.1880	147.	1406.	1147.	1459.	1802.
1762.5100	158.	1384.	1171.	1563.	1898.
1762.8320	141.	1443.	1104.	1469.	1829.
1763.1540	160.	1400.	1120.	1528.	1772.
1763.4760	160.	1410.	1110.	1526.	1722.
1763.7980	154.	1471.	1153.	1580.	1817.
1764.1190	175.	1376.	1154.	1436.	1817.
1764.4410	164.	1399.	1116.	1550.	1781.
1764.7630	189.	1388.	1178.	1539.	1776.
1765.0840	156.	1409.	1089.	1440.	1871.
1765.4060	142.	1427.	1152.	1487.	1836.
1765.7280	152.	1405.	1169.	1486.	1801.
1766.0490	163.	1400.	1137.	1525.	1778.
1766.3710	163.	1426.	1108.	1496.	1786.
1766.6930	138.	1379.	1169.	1490.	1766.
1767.0140	152.	1394.	1132.	1545.	1788.
1767.3360	164.	1462.	1041.	1481.	1830.
1767.6570	145.	1367.	1198.	1473.	1872.
1767.9790	156.	1391.	1104.	1469.	1712.
1768.3000	182.	1364.	1173.	1355.	1841.

1768.6220	139.	1417.	1134.	1510.	1734.
1768.9430	139.	1402.	1104.	1496.	1746.
1769.2640	161.	1371.	1108.	1462.	1819.
1769.5860	165.	1309.	1118.	1350.	1834.
1769.9070	152.	1344.	1129.	1463.	1726.
1770.2290	142.	1327.	1102.	1380.	1785.
1770.5500	189.	1458.	1100.	1360.	1703.
1770.8710	149.	1374.	1123.	1436.	1753.
1771.1920	146.	1363.	1105.	1458.	1809.
1771.5140	160.	1397.	1164.	1409.	1756.
1771.8350	173.	1377.	1115.	1393.	1697.
1772.1560	160.	1426.	1097.	1394.	1808.
1772.4770	169.	1429.	1041.	1419.	1708.
1772.7990	168.	1327.	1118.	1475.	1820.
1773.1200	145.	1318.	1132.	1379.	1758.
1773.4410	145.	1364.	1061.	1453.	1750.
1773.7620	136.	1371.	1124.	1405.	1767.
1774.0830	148.	1359.	1172.	1440.	1823.
1774.4040	123.	1373.	1015.	1378.	1764.
1774.7250	175.	1357.	1123.	1482.	1886.
1775.0460	153.	1309.	1117.	1336.	1830.
1775.3670	172.	1424.	1072.	1427.	1809.
1775.6880	134.	1318.	1060.	1452.	1820.
1776.0090	150.	1331.	1078.	1360.	1664.
1776.3300	145.	1398.	1084.	1296.	1887.
1776.6510	143.	1406.	1120.	1382.	1798.
1776.9720	150.	1233.	1101.	1385.	1829.
1777.2930	155.	1381.	1144.	1448.	1816.

1777.6140	169.	1264.	1094.	1430.	1765.
1777.9350	176.	1318.	1066.	1413.	1762.
1778.2560	158.	1316.	1133.	1333.	1762.
1778.5770	160.	1370.	1121.	1370.	1788.
1778.8970	139.	1320.	1068.	1371.	1830.
1779.2180	164.	1321.	1096.	1322.	1809.
1779.5390	153.	1305.	1105.	1406.	1782.
1779.8600	159.	1284.	1159.	1428.	1794.
1780.1800	166.	1300.	1075.	1379.	1793.
1780.5010	159.	1379.	1023.	1364.	1720.
1780.8220	127.	1281.	1094.	1368.	1807.
1781.1420	169.	1314.	1150.	1349.	1699.
1781.4630	169.	1349.	1009.	1351.	1851.
1781.7840	167.	1382.	1108.	1377.	1857.
1782.1040	178.	1205.	1109.	1293.	1729.
1782.4250	157.	1363.	1106.	1348.	1725.
1782.7450	173.	1304.	1136.	1342.	1775.
1783.0660	150.	1408.	1032.	1349.	1763.
1783.3860	153.	1299.	1108.	1378.	1768.
1783.7070	168.	1333.	1070.	1315.	1748.
1784.0270	155.	1316.	1072.	1300.	1787.
1784.3480	149.	1321.	1074.	1355.	1818.
1784.6680	147.	1294.	1007.	1303.	1742.
1784.9890	129.	1264.	1145.	1334.	1811.
1785.3090	129.	1288.	1020.	1320.	1797.
1785.6290	157.	1309.	1073.	1392.	1762.
1785.9500	175.	1284.	1117.	1271.	1800.
1786.2700	174.	1350.	1058.	1343.	1731.

1786.5900	171.	1291.	1028.	1366.	1814.
1786.9110	129.	1322.	1086.	1354.	1782.
1787.2310	157.	1323.	1033.	1334.	1757.
1787.5510	168.	1284.	1095.	1278.	1713.
1787.8710	172.	1351.	1090.	1247.	1739.
1788.1910	143.	1270.	1077.	1355.	1706.
1788.5120	162.	1313.	1021.	1383.	1684.
1788.8320	159.	1263.	1021.	1284.	1764.
1789.1520	145.	1259.	1076.	1324.	1772.
1789.4720	166.	1279.	1052.	1283.	1704.
1789.7920	175.	1137.	1025.	1156.	1806.
1790.1120	155.	1307.	1079.	1326.	1817.
1790.4320	174.	1277.	1083.	1378.	1783.
1790.7520	167.	1284.	1056.	1280.	1751.
1791.0720	168.	1255.	1018.	1321.	1729.
1791.3920	174.	1365.	1051.	1242.	1702.
1791.7120	149.	1303.	1130.	1301.	1771.
1792.0320	137.	1258.	1015.	1280.	1757.
1792.3520	138.	1322.	1071.	1313.	1687.
1792.6720	157.	1197.	1027.	1277.	1729.
1792.9920	179.	1249.	1063.	1377.	1720.
1793.3120	153.	1262.	1019.	1319.	1742.
1793.6320	170.	1283.	1076.	1328.	1789.
1793.9520	160.	1263.	1073.	1304.	1786.
1794.2710	162.	1366.	1014.	1274.	1769.
1794.5910	126.	1268.	1054.	1310.	1734.
1794.9110	166.	1234.	1064.	1309.	1834.
1795.2310	123.	1278.	959.	1310.	1751.

1795.5500	176.	1310.	1042.	1312.	1796.
1795.8700	156.	1268.	1015.	1244.	1711.
1796.1900	163.	1270.	1022.	1258.	1651.
1796.5090	141.	1292.	1048.	1330.	1766.
1796.8290	166.	1245.	1067.	1271.	1742.
1797.1490	132.	1168.	1041.	1278.	1777.
1797.4680	136.	1225.	1042.	1272.	1687.
1797.7880	163.	1206.	1064.	1263.	1761.
1798.1070	166.	1280.	1089.	1275.	1739.
1798.4270	145.	1191.	997.	1270.	1774.
1798.7460	171.	1199.	1031.	1282.	1787.
1799.0660	168.	1238.	958.	1275.	1786.
1799.3850	151.	1262.	1001.	1283.	1787.
1799.7050	151.	1269.	1024.	1331.	1846.
1800.0240	144.	1206.	1055.	1291.	1745.
1800.3440	171.	1248.	982.	1242.	1794.
1800.6630	135.	1280.	979.	1305.	1818.
1800.9830	151.	1206.	1019.	1332.	1721.
1801.3020	159.	1206.	1050.	1204.	1679.
1801.6210	156.	1245.	1003.	1253.	1676.
1801.9410	163.	1233.	1005.	1212.	1754.
1802.2600	158.	1222.	991.	1234.	1831.
1802.5790	157.	1235.	992.	1282.	1797.
1802.8980	157.	1256.	1008.	1225.	1766.
1803.2180	156.	1259.	1071.	1250.	1751.
1803.5370	169.	1259.	1067.	1203.	1753.
1803.8560	175.	1200.	1018.	1240.	1696.
1804.1750	181.	1268.	1006.	1194.	1813.

1804.4940	159.	1266.	1026.	1280.	1671.
1804.8130	127.	1227.	1008.	1259.	1704.
1805.1330	157.	1168.	1029.	1255.	1771.
1805.4520	173.	1207.	1067.	1275.	1715.
1805.7710	143.	1283.	973.	1205.	1755.
1806.0900	171.	1259.	1048.	1203.	1640.
1806.4090	173.	1243.	1043.	1236.	1738.

	CNT	TiO2-CNT	ZnO-CNT	TiO2	ZnO
253.0266	281.	15684.	1093.	7242.	2378.
253.4273	268.	15824.	1141.	7250.	2337.
253.8279	303.	15885.	1102.	7441.	2298.
254.2285	305.	15745.	1085.	7506.	2403.
254.6291	285.	15959.	1097.	7101.	2336.
255.0297	288.	15767.	1079.	7434.	2367.
255.4302	292.	15905.	1086.	7318.	2367.
255.8307	292.	15788.	1053.	7369.	2366.
256.2312	267.	15614.	1074.	7298.	2380.
256.6316	298.	15614.	999.	7311.	2295.
257.0321	338.	15713.	1122.	7197.	2346.
257.4324	271.	15679.	1086.	7452.	2391.
257.8328	280.	15703.	1081.	7318.	2374.
258.2332	246.	15675.	1060.	7312.	2411.
258.6335	291.	15469.	1086.	7339.	2270.
259.0338	274.	15506.	1021.	7433.	2361.
259.4341	302.	15412.	1070.	7158.	2371.
259.8343	281.	15683.	1091.	7513.	2277.
260.2345	303.	15486.	1065.	7397.	2343.

260.6347	280.	15332.	1039.	7506.	2274.
261.0349	314.	15416.	1073.	7629.	2345.
261.4350	319.	15567.	1105.	7397.	2385.
261.8351	311.	15187.	1061.	7435.	2407.
262.2352	303.	15603.	1044.	7515.	2385.
262.6353	253.	15466.	1064.	7607.	2384.
263.0353	284.	15389.	1079.	7682.	2390.
263.4353	300.	15509.	1048.	7581.	2417.
263.8353	294.	15151.	1038.	7656.	2374.
264.2353	311.	15530.	1018.	7452.	2328.
264.6352	277.	15339.	1077.	7621.	2373.
265.0351	269.	15428.	1113.	7391.	2377.
265.4350	293.	15162.	1032.	7473.	2274.
265.8348	264.	15221.	1068.	7543.	2371.
266.2347	294.	15081.	1111.	7551.	2309.
266.6345	287.	14992.	985.	7402.	2332.
267.0342	266.	15221.	1046.	7632.	2315.
267.4340	321.	15263.	1039.	7699.	2294.
267.8337	281.	15169.	1104.	7687.	2309.
268.2334	288.	15194.	1024.	7723.	2429.
268.6331	293.	15153.	1027.	7643.	2327.
269.0327	282.	15000.	1042.	7656.	2378.
269.4324	258.	14950.	1082.	7631.	2339.
269.8319	312.	14930.	1072.	7829.	2451.
270.2315	294.	15120.	1083.	7759.	2347.
270.6311	269.	15260.	1076.	7903.	2393.
271.0306	326.	14973.	1100.	7642.	2299.
271.4301	317.	15036.	1044.	7972.	2424.

271.8295	276.	14908.	1087.	7609.	2333.
272.2290	284.	14896.	1086.	7819.	2491.
272.6284	303.	14904.	1065.	7830.	2338.
273.0278	282.	14725.	1076.	7982.	2429.
273.4271	275.	14752.	1084.	7958.	2314.
273.8265	266.	14876.	1109.	7731.	2430.
274.2258	288.	14796.	1090.	7701.	2319.
274.6251	310.	14514.	1086.	7977.	2392.
275.0243	294.	14757.	1092.	7927.	2406.
275.4236	298.	14625.	1138.	8132.	2396.
275.8228	264.	14839.	1052.	8077.	2477.
276.2220	300.	14604.	1070.	7982.	2391.
276.6211	277.	14975.	1132.	8049.	2451.
277.0202	306.	14576.	1098.	8004.	2421.
277.4194	296.	14706.	1066.	8051.	2446.
277.8184	289.	14510.	1019.	8141.	2407.
278.2175	307.	14387.	1036.	8008.	2399.
278.6165	306.	14436.	1047.	8127.	2456.
279.0155	270.	14320.	1107.	8149.	2453.
279.4145	249.	14593.	1101.	7999.	2423.
279.8134	310.	14204.	1083.	8154.	2390.
280.2124	278.	14561.	1010.	8219.	2442.
280.6113	264.	14384.	1094.	8280.	2421.
281.0101	311.	14506.	1069.	8308.	2432.
281.4090	331.	14610.	1047.	8221.	2461.
281.8078	289.	14452.	1068.	8285.	2448.
282.2066	296.	14608.	1128.	8360.	2545.
282.6054	285.	14480.	1050.	8525.	2453.

283.0041	332.	14498.	1104.	8252.	2520.
283.4028	305.	14518.	1049.	8518.	2591.
283.8015	336.	14409.	1147.	8532.	2476.
284.2002	314.	14413.	1119.	8479.	2442.
284.5988	327.	14531.	1092.	8458.	2616.
284.9974	271.	14312.	1061.	8468.	2452.
285.3960	292.	14399.	1181.	8392.	2448.
285.7946	296.	14382.	1165.	8436.	2424.
286.1931	310.	14328.	1107.	8624.	2518.
286.5916	290.	14281.	1107.	8493.	2457.
286.9901	288.	14208.	1101.	8701.	2420.
287.3886	301.	14193.	1113.	8601.	2513.
287.7870	291.	13980.	1059.	8435.	2539.
288.1854	281.	14071.	1085.	8637.	2464.
288.5838	272.	13955.	1019.	8503.	2538.
288.9821	345.	13869.	1058.	8534.	2492.
289.3805	279.	13885.	1064.	8811.	2459.
289.7788	263.	13938.	1052.	8729.	2506.
290.1771	299.	14019.	1067.	8801.	2538.
290.5753	284.	14270.	1111.	8630.	2482.
290.9735	284.	14065.	1072.	8837.	2506.
291.3717	277.	14074.	1132.	8572.	2564.
291.7699	299.	14070.	1158.	8816.	2537.
292.1681	295.	14214.	1122.	8852.	2499.
292.5662	264.	14118.	1185.	8613.	2634.
292.9643	291.	14282.	1106.	8998.	2545.
293.3624	261.	13997.	1068.	9070.	2519.
293.7604	286.	13880.	1100.	8931.	2621.

294.1584	308.	14045.	1169.	8763.	2525.
294.5564	305.	14048.	1122.	8903.	2589.
294.9544	349.	13859.	1137.	8917.	2470.
295.3523	282.	13889.	1110.	9010.	2612.
295.7502	309.	13815.	1177.	9093.	2470.
296.1481	286.	13625.	1082.	8896.	2555.
296.5460	311.	13451.	1150.	9078.	2553.
296.9438	297.	13808.	1099.	9009.	2692.
297.3417	275.	13887.	1174.	8888.	2526.
297.7395	316.	13909.	1120.	9170.	2579.
298.1372	283.	13613.	1166.	9197.	2653.
298.5350	270.	13869.	1065.	8932.	2688.
298.9327	289.	13546.	1154.	9164.	2620.
299.3303	288.	13463.	1151.	8906.	2687.
299.7280	293.	13760.	1168.	9016.	2620.
300.1256	289.	13667.	1250.	9260.	2541.
300.5232	316.	13696.	1171.	9171.	2672.
300.9208	285.	13601.	1164.	9081.	2588.
301.3184	287.	13538.	1179.	9166.	2610.
301.7159	306.	13461.	1156.	9100.	2670.
302.1134	270.	13508.	1155.	9024.	2709.
302.5109	304.	13538.	1207.	9266.	2662.
302.9084	275.	13386.	1094.	9026.	2715.
303.3058	299.	13562.	1133.	9227.	2632.
303.7032	330.	13521.	1187.	9241.	2748.
304.1006	333.	13468.	1209.	9219.	2740.
304.4979	280.	13421.	1268.	9230.	2617.
304.8952	316.	13360.	1189.	9319.	2771.

305.2925	285.	13431.	1174.	8934.	2716.
305.6898	277.	13374.	1205.	9244.	2741.
306.0871	267.	13518.	1291.	9213.	2757.
306.4843	319.	13594.	1167.	8973.	2784.
306.8815	301.	13400.	1102.	9251.	2838.
307.2787	305.	13162.	1177.	9074.	2844.
307.6758	284.	13371.	1223.	9112.	2860.
308.0729	292.	13150.	1175.	9198.	2788.
308.4700	298.	13374.	1155.	9243.	2713.
308.8671	281.	13301.	1104.	9273.	2865.
309.2641	300.	13366.	1190.	9126.	2784.
309.6611	311.	13318.	1182.	9426.	2950.
310.0581	295.	13320.	1211.	9264.	2885.
310.4551	294.	13337.	1190.	9095.	2803.
310.8520	323.	13468.	1200.	9422.	2850.
311.2490	370.	13184.	1274.	9431.	2891.
311.6458	280.	13411.	1292.	9219.	2879.
312.0427	252.	13221.	1206.	9456.	2988.
312.4395	327.	13456.	1327.	9371.	3039.
312.8363	257.	13199.	1252.	9380.	2860.
313.2331	307.	13338.	1211.	9371.	2974.
313.6299	304.	13223.	1174.	9233.	2963.
314.0266	330.	13577.	1187.	9326.	2981.
314.4233	299.	13276.	1222.	9266.	3016.
314.8200	292.	13294.	1224.	9441.	3032.
315.2167	299.	13229.	1259.	9468.	2968.
315.6133	283.	13181.	1223.	9372.	3024.
316.0099	301.	13452.	1274.	9405.	3100.

316.4065	293.	13173.	1282.	9260.	2986.
316.8030	310.	13383.	1285.	9413.	3082.
317.1996	290.	13256.	1198.	9122.	3102.
317.5961	314.	13268.	1305.	9552.	3104.
317.9926	293.	13412.	1405.	9376.	3206.
318.3890	285.	13303.	1332.	9388.	3064.
318.7854	287.	13323.	1227.	9340.	3087.
319.1818	299.	13316.	1333.	9256.	3115.
319.5782	276.	13345.	1332.	9384.	3137.
319.9746	283.	13493.	1284.	9426.	3123.
320.3709	363.	13319.	1294.	9198.	3120.
320.7672	309.	13529.	1240.	9382.	3265.
321.1634	300.	13182.	1288.	9418.	3194.
321.5597	304.	13421.	1365.	9471.	3188.
321.9559	289.	13212.	1340.	9368.	3228.
322.3521	313.	13470.	1212.	9344.	3202.
322.7483	275.	13610.	1262.	9463.	3271.
323.1444	305.	13387.	1277.	9334.	3409.
323.5405	333.	13477.	1230.	9568.	3356.
323.9366	323.	13225.	1330.	9294.	3376.
324.3327	278.	13592.	1296.	9613.	3269.
324.7287	296.	13504.	1324.	9146.	3496.
325.1248	321.	13626.	1219.	9486.	3489.
325.5207	297.	13503.	1239.	9422.	3449.
325.9167	279.	13503.	1247.	9490.	3531.
326.3126	295.	13419.	1287.	9438.	3425.
326.7086	309.	13677.	1309.	9465.	3442.
327.1044	276.	13377.	1262.	9412.	3616.

327.5003	335.	13854.	1302.	9470.	3515.
327.8961	301.	13392.	1263.	9222.	3467.
328.2919	299.	13669.	1283.	9424.	3597.
328.6877	279.	13797.	1248.	9376.	3651.
329.0835	322.	13819.	1273.	9407.	3540.
329.4792	291.	13540.	1259.	9367.	3448.
329.8749	309.	13690.	1295.	9588.	3552.
330.2706	313.	13601.	1248.	9467.	3577.
330.6663	296.	13402.	1225.	9361.	3477.
331.0619	272.	13687.	1194.	9415.	3543.
331.4575	294.	13341.	1154.	9312.	3461.
331.8531	300.	13170.	1196.	9190.	3420.
332.2486	260.	13154.	1181.	9486.	3436.
332.6442	285.	13981.	1167.	9422.	3258.
333.0397	269.	13415.	1117.	9490.	3208.
333.4351	309.	13524.	1138.	9438.	3099.
333.8306	311.	13254.	1170.	9465.	2967.
334.2260	269.	13621.	1111.	9412.	3000.
334.6214	288.	13462.	1052.	9470.	3085.
335.0168	266.	13452.	1067.	9486.	2873.
335.4121	280.	13214.	1076.	9422.	2865.
335.8075	312.	13412.	1163.	9490.	3037.
336.2028	305.	13201.	1123.	9438.	2980.
336.5980	288.	13652.	1075.	9465.	3043.
336.9933	273.	13021.	1151.	9412.	3031.
337.3885	325.	13236.	1165.	9470.	3126.
337.7837	270.	13457.	1071.	9315.	3167.
338.1789	288.	13838.	1171.	9611.	3206.

338.5740	290.	13889.	1179.	9631.	3135.
338.9691	296.	13699.	1144.	9889.	3102.
339.3642	295.	13937.	1165.	9894.	3047.
339.7593	306.	14057.	1167.	9640.	3255.
340.1543	302.	13890.	1165.	9796.	3109.
340.5494	313.	14134.	1141.	9849.	3102.
340.9443	296.	14116.	1165.	9720.	2887.
341.3393	317.	13969.	1138.	9882.	3061.
341.7342	348.	13882.	1137.	9672.	3008.
342.1292	278.	13931.	1165.	10134.	3058.
342.5240	324.	14138.	1187.	9962.	3135.
342.9189	298.	13822.	1162.	10160.	3039.
343.3137	282.	14090.	1119.	10161.	2970.
343.7086	308.	14184.	1088.	9824.	2942.
344.1033	319.	14025.	1180.	10122.	2892.
344.4981	309.	14272.	1155.	10354.	3030.
344.8928	312.	13669.	1123.	10038.	3062.
345.2875	319.	14165.	1116.	10152.	2983.
345.6822	323.	14120.	1122.	10239.	2864.
346.0769	293.	13948.	1109.	10222.	2819.
346.4715	330.	14211.	1098.	10148.	2843.
346.8661	317.	13903.	1149.	10358.	2948.
347.2607	291.	14126.	1164.	10249.	2951.
347.6553	296.	14102.	1106.	10162.	2899.
348.0498	279.	14121.	1063.	10649.	2901.
348.4443	272.	14090.	1104.	10533.	2944.
348.8388	322.	14262.	1108.	10533.	2816.
349.2332	286.	14295.	1066.	10518.	2858.

349.6277	282.	14118.	1038.	10885.	2855.
350.0221	307.	14268.	1139.	10522.	2794.
350.4164	303.	14361.	1131.	10825.	2823.
350.8108	308.	14107.	1080.	10809.	2837.
351.2051	305.	14490.	1134.	10771.	2860.
351.5994	297.	14155.	1107.	10951.	2814.
351.9937	293.	14255.	1088.	11049.	2909.
352.3879	289.	14136.	1091.	11079.	2699.
352.7822	296.	14256.	984.	11142.	2801.
353.1764	291.	14417.	1115.	11053.	2851.
353.5705	341.	14370.	1114.	11082.	2879.
353.9647	325.	14412.	1054.	11011.	2891.
354.3588	290.	14341.	1109.	11459.	2901.
354.7529	302.	14366.	1161.	11314.	2881.
355.1470	323.	14550.	1110.	11356.	2810.
355.5410	298.	14365.	1067.	11707.	2880.
355.9350	321.	14309.	1081.	11477.	2848.
356.3290	273.	14363.	1102.	11834.	2800.
356.7230	284.	14481.	1099.	11686.	2858.
357.1169	282.	14199.	1096.	11908.	2905.
357.5108	307.	14471.	1068.	12047.	2742.
357.9047	277.	14492.	1080.	12105.	2802.
358.2986	317.	14264.	1154.	12108.	2867.
358.6924	283.	14317.	1104.	12082.	2811.
359.0863	300.	14323.	1148.	12309.	2778.
359.4801	307.	14178.	1150.	12154.	2888.
359.8738	313.	14578.	1085.	12549.	2807.
360.2676	296.	14836.	1098.	12627.	2841.

360.6613	318.	14675.	1110.	12549.	2857.
361.0550	267.	14476.	1118.	12607.	2860.
361.4486	337.	14435.	1158.	12760.	2905.
361.8423	317.	14672.	1001.	12877.	2775.
362.2359	293.	14586.	1072.	12861.	2783.
362.6294	355.	14772.	1041.	12797.	2817.
363.0230	319.	14670.	1191.	13051.	2844.
363.4165	277.	14577.	1136.	13172.	2830.
363.8101	327.	14721.	1043.	13186.	2853.
364.2035	264.	14612.	1081.	13482.	2842.
364.5970	311.	14887.	1123.	13355.	2885.
364.9904	297.	14886.	1113.	13526.	2812.
365.3838	314.	14969.	1084.	13708.	2819.
365.7772	303.	15018.	1135.	13834.	2874.
366.1706	275.	14741.	1043.	13903.	2859.
366.5639	324.	14727.	1154.	13842.	2915.
366.9572	290.	14816.	1093.	14247.	2827.
367.3505	300.	14845.	1034.	14270.	2816.
367.7437	297.	14968.	1116.	14362.	2862.
368.1370	357.	15103.	1109.	14531.	2935.
368.5302	292.	14877.	1132.	14398.	2885.
368.9233	303.	14935.	1067.	14791.	2919.
369.3165	335.	14987.	1056.	14730.	2901.
369.7096	299.	15133.	1096.	15059.	2842.
370.1027	315.	15154.	1043.	15023.	2758.
370.4958	311.	15025.	1093.	15409.	2984.
370.8889	323.	15124.	1108.	15487.	3008.
371.2819	314.	15115.	1058.	15962.	2928.

371.6749	295.	15134.	1033.	15801.	3112.
372.0679	309.	15406.	1043.	15963.	2951.
372.4608	287.	15433.	1095.	16308.	2968.
372.8537	295.	15259.	999.	16653.	3002.
373.2466	290.	15602.	1112.	16819.	2943.
373.6395	322.	15444.	1074.	17283.	3018.
374.0323	321.	15413.	1148.	17143.	3016.
374.4252	322.	15635.	1067.	17478.	3026.
374.8180	310.	15515.	1054.	17718.	2946.
375.2107	298.	15609.	1103.	18173.	2909.
375.6035	300.	15553.	1168.	18473.	2939.
375.9962	304.	15547.	1111.	18412.	2979.
376.3889	310.	15768.	1048.	19019.	2979.
376.7815	280.	15655.	1053.	19267.	3089.
377.1742	315.	15839.	1136.	19453.	3004.
377.5668	314.	15896.	1065.	19678.	3028.
377.9594	286.	15733.	1067.	20194.	2962.
378.3520	325.	15988.	1072.	20642.	2997.
378.7445	300.	15941.	1128.	20860.	3054.
379.1370	312.	15783.	1080.	21216.	2896.
379.5295	306.	16225.	1093.	21672.	3058.
379.9220	300.	15956.	1058.	21977.	2990.
380.3144	273.	16404.	1083.	22466.	2970.
380.7068	306.	16185.	1119.	22676.	3011.
381.0992	304.	16327.	1106.	23267.	3018.
381.4916	285.	16330.	1042.	23747.	2946.
381.8839	299.	16369.	1057.	24462.	3021.
382.2762	302.	16301.	1079.	24758.	3078.

382.6685	313.	16394.	1030.	24865.	2971.
383.0608	302.	16463.	1058.	25676.	2941.
383.4530	318.	16354.	1135.	25766.	2979.
383.8452	315.	16547.	1149.	26424.	3004.
384.2374	287.	16881.	1073.	26848.	2930.
384.6296	302.	16603.	1046.	27261.	2999.
385.0217	328.	17038.	1064.	28015.	2863.
385.4138	303.	16782.	1075.	28300.	2936.
385.8059	293.	16902.	1141.	29069.	2894.
386.1980	285.	16872.	1017.	29589.	3015.
386.5900	305.	16905.	1104.	29966.	3000.
386.9820	316.	17222.	1091.	30104.	2975.
387.3740	313.	17199.	1086.	30674.	2892.
387.7659	301.	17045.	1132.	31430.	2884.
388.1579	326.	17135.	1008.	31927.	2983.
388.5498	288.	17415.	1087.	32579.	2895.
388.9417	312.	17043.	1009.	32673.	2991.
389.3335	275.	17348.	1068.	33201.	2968.
389.7253	336.	17458.	1007.	34064.	2931.
390.1171	305.	17379.	1180.	34483.	2886.
390.5089	310.	17785.	1042.	34491.	2934.
390.9007	297.	17476.	1062.	34783.	2913.
391.2924	283.	17512.	1047.	34974.	2953.
391.6841	291.	17805.	1047.	35771.	3006.
392.0758	285.	17414.	1041.	36124.	2860.
392.4674	286.	17573.	1106.	36381.	2920.
392.8591	284.	17670.	1119.	36279.	2925.
393.2507	335.	18035.	1043.	35864.	2858.

393.6422	317.	17781.	1068.	36397.	2966.
394.0338	300.	18015.	1104.	36585.	2902.
394.4253	272.	17621.	1086.	37101.	2995.
394.8168	291.	17989.	1165.	36785.	2931.
395.2083	309.	18007.	1135.	37055.	3052.
395.5997	312.	17818.	1139.	36917.	2862.
395.9912	323.	18064.	1050.	37388.	3017.
396.3826	271.	18094.	1137.	36775.	2874.
396.7739	302.	18224.	1115.	36838.	2945.
397.1653	299.	17840.	1119.	36815.	2917.
397.5566	326.	17985.	1119.	36672.	2982.
397.9479	315.	18169.	1140.	36229.	3040.
398.3392	316.	18133.	1082.	35977.	2966.
398.7304	303.	18280.	1120.	36005.	3003.
399.1216	312.	18310.	1105.	35385.	2890.
399.5128	263.	18064.	1110.	34913.	2939.
399.9040	280.	18182.	1038.	35008.	3100.
400.2951	294.	18321.	1161.	34310.	3083.
400.6863	287.	18005.	1138.	33627.	3010.
401.0773	281.	18211.	1102.	33089.	3064.
401.4684	308.	18415.	1089.	33037.	3018.
401.8595	306.	18659.	1101.	32556.	2924.
402.2505	310.	18495.	1150.	32327.	2948.
402.6415	295.	18437.	1138.	31324.	2985.
403.0324	298.	18640.	1106.	30962.	2956.
403.4234	319.	18527.	1103.	30701.	3040.
403.8143	287.	18815.	1073.	30229.	3060.
404.2052	305.	18794.	1078.	29572.	3153.

404.5960	276.	18499.	1054.	28849.	3051.
404.9869	291.	18699.	1164.	28628.	2999.
405.3777	320.	18545.	1073.	27876.	3074.
405.7685	260.	18737.	1075.	27564.	2928.
406.1593	311.	18829.	1171.	26854.	3072.
406.5500	295.	18889.	1118.	26563.	3056.
406.9407	298.	18986.	1097.	25754.	3098.
407.3314	288.	18701.	1061.	25531.	3104.
407.7221	314.	19104.	1097.	25035.	3015.
408.1127	279.	19119.	1072.	24308.	3020.
408.5033	359.	19025.	1126.	24090.	3142.
408.8939	278.	18919.	1135.	23646.	3061.
409.2845	242.	19254.	1075.	23625.	3071.
409.6750	290.	19149.	1104.	23046.	3103.
410.0655	274.	19258.	1113.	22693.	3071.
410.4560	321.	19012.	1167.	22322.	3095.
410.8465	296.	19368.	1096.	22132.	3092.
411.2369	339.	19064.	1124.	21593.	3041.
411.6273	307.	19416.	1079.	21595.	3102.
412.0177	283.	19256.	1096.	20678.	3043.
412.4080	262.	19173.	1133.	20738.	3194.
412.7984	313.	19247.	1127.	20113.	3198.
413.1887	326.	19509.	1171.	20081.	3061.
413.5790	325.	19673.	1168.	19629.	3116.
413.9692	308.	19503.	1144.	19432.	3285.
414.3595	313.	19315.	1095.	19278.	3182.
414.7497	328.	19721.	1124.	18996.	3103.
415.1398	293.	19653.	1165.	18741.	3145.

415.5300	319.	19729.	1114.	18355.	3273.
415.9201	322.	19712.	1118.	18063.	3281.
416.3102	334.	19551.	1224.	17888.	3049.
416.7003	301.	19422.	1182.	17542.	3189.
417.0904	304.	19806.	1200.	17451.	3185.
417.4804	312.	19486.	1129.	17081.	3200.
417.8704	330.	19767.	1215.	16952.	3242.
418.2604	298.	19911.	1168.	16679.	3105.
418.6503	328.	20008.	1218.	16315.	3159.
419.0403	326.	19908.	1204.	16263.	3090.
419.4302	295.	19942.	1141.	16222.	3367.
419.8201	343.	19982.	1180.	16002.	3315.
420.2099	309.	20023.	1175.	15828.	3242.
420.5997	289.	20216.	1135.	15675.	3230.
420.9895	319.	20024.	1249.	15787.	3312.
421.3793	304.	19902.	1230.	15600.	3329.
421.7691	301.	20056.	1188.	15536.	3342.
422.1588	284.	20393.	1331.	15228.	3312.
422.5485	302.	20053.	1205.	15112.	3414.
422.9382	337.	20036.	1224.	15127.	3308.
423.3278	334.	20131.	1222.	14524.	3398.
423.7174	328.	20651.	1186.	14555.	3334.
424.1070	310.	20145.	1300.	14348.	3316.
424.4966	301.	20312.	1114.	14031.	3458.
424.8862	286.	20651.	1186.	13940.	3303.
425.2757	295.	20451.	1162.	13628.	3457.
425.6652	323.	20364.	1183.	13635.	3511.
426.0547	326.	20325.	1285.	13540.	3533.

426.4441	311.	20135.	1245.	13505.	3480.
426.8335	318.	20145.	1261.	13516.	3690.
427.2229	329.	20458.	1241.	13465.	3645.
427.6123	290.	20132.	1282.	13556.	3733.
428.0017	334.	20075.	1376.	13406.	3798.
428.3910	287.	20084.	1313.	13542.	3890.
428.7803	320.	20069.	1370.	13570.	3924.
429.1696	305.	20444.	1278.	13196.	3931.
429.5588	301.	20203.	1314.	13371.	4012.
429.9480	301.	20596.	1299.	13220.	4009.
430.3372	333.	19978.	1302.	13239.	4107.
430.7264	330.	20252.	1382.	13136.	4217.
431.1155	311.	20428.	1333.	13104.	4458.
431.5047	298.	20358.	1395.	13011.	4505.
431.8938	325.	20441.	1265.	13137.	4480.
432.2828	301.	20242.	1367.	12704.	4740.
432.6719	327.	20049.	1352.	12527.	4819.
433.0609	311.	20172.	1366.	12619.	4783.
433.4499	328.	20017.	1386.	12437.	4824.
433.8389	323.	20326.	1282.	12505.	4933.
434.2278	306.	20171.	1220.	12632.	5085.
434.6167	263.	20308.	1336.	12526.	5335.
435.0056	329.	19807.	1263.	12522.	5281.
435.3945	290.	19912.	1302.	12361.	5295.
435.7833	311.	19688.	1312.	12147.	5264.
436.1721	310.	19733.	1243.	12107.	5358.
436.5609	299.	19939.	1258.	12144.	5527.
436.9497	310.	19747.	1268.	12128.	5372.

437.3384	314.	19454.	1247.	11987.	5564.
437.7272	307.	19434.	1248.	11980.	5358.
438.1159	350.	19687.	1238.	11735.	5384.
438.5045	372.	19200.	1147.	11708.	5137.
438.8932	311.	19459.	1245.	11559.	5154.
439.2818	295.	19221.	1208.	11718.	5164.
439.6704	320.	19517.	1226.	11701.	5131.
440.0589	315.	19121.	1208.	11628.	4829.
440.4475	358.	19094.	1204.	11559.	4713.
440.8360	319.	19063.	1233.	11842.	4465.
441.2245	319.	18961.	1206.	11411.	4511.
441.6129	300.	19201.	1188.	11466.	4407.
442.0014	321.	18832.	1227.	11370.	4266.
442.3898	321.	18822.	1200.	11356.	4060.
442.7782	315.	18654.	1186.	11101.	4007.
443.1666	338.	18522.	1205.	11226.	3865.
443.5549	326.	18678.	1213.	11174.	3812.
443.9432	328.	18439.	1217.	11184.	3801.
444.3315	332.	18413.	1160.	10960.	3653.
444.7198	301.	18043.	1134.	10988.	3543.
445.1080	311.	18009.	1135.	11151.	3492.
445.4962	334.	17969.	1183.	10991.	3440.
445.8844	336.	18000.	1233.	11052.	3522.
446.2726	352.	17854.	1171.	11207.	3449.
446.6607	336.	17559.	1125.	10926.	3344.
447.0488	330.	17547.	1114.	10945.	3419.
447.4369	365.	17544.	1162.	11127.	3410.
447.8250	323.	17627.	1145.	10906.	3227.

448.2130	328.	17470.	1142.	11115.	3308.
448.6010	287.	17249.	1214.	10925.	3269.
448.9890	341.	17237.	1100.	10781.	3204.
449.3770	311.	17232.	1163.	10817.	3189.
449.7649	316.	17067.	1037.	10849.	3249.
450.1528	317.	16697.	1192.	10676.	3082.
450.5407	298.	16867.	1154.	10606.	3119.
450.9286	276.	16677.	1182.	10724.	3078.
451.3164	350.	16762.	1125.	10813.	3162.
451.7042	303.	16749.	1114.	10787.	3042.
452.0920	331.	16393.	1119.	10626.	3127.
452.4798	316.	16436.	1097.	10777.	3196.
452.8675	331.	16572.	1134.	10476.	3160.
453.2552	310.	16435.	1133.	10632.	3099.
453.6429	332.	16262.	1201.	10697.	2967.
454.0305	315.	16361.	1235.	10659.	3112.
454.4182	341.	15963.	1122.	10559.	3174.
454.8058	272.	15945.	1136.	10454.	3151.
455.1934	328.	16044.	1181.	10531.	3125.
455.5809	273.	16054.	1155.	10834.	3028.
455.9685	334.	15729.	1107.	10392.	3074.
456.3560	317.	15729.	1141.	10658.	3037.
456.7435	295.	15417.	1132.	10469.	3052.
457.1309	321.	15549.	1137.	10532.	3039.
457.5184	346.	15536.	1179.	10585.	3200.
457.9058	291.	15249.	1127.	10427.	3110.
458.2931	309.	15441.	1204.	10605.	2945.
458.6805	271.	15158.	1172.	10531.	2971.

459.0678	296.	15218.	1180.	10465.	2978.
459.4551	349.	14997.	1204.	10515.	2972.
459.8424	327.	14974.	1127.	10675.	3005.
460.2297	284.	15090.	1105.	10450.	3120.
460.6169	326.	15027.	1180.	10628.	2932.
461.0041	297.	14412.	1219.	10468.	3113.
461.3913	298.	14734.	1150.	10395.	3076.
461.7785	304.	14565.	1208.	10455.	3053.
462.1656	294.	14343.	1120.	10769.	3020.
462.5527	356.	14540.	1191.	10321.	2989.
462.9398	291.	14307.	1264.	10678.	2998.
463.3268	324.	14349.	1058.	10840.	3031.
463.7139	301.	14175.	1113.	10422.	3097.
464.1009	282.	14162.	1098.	10385.	3029.
464.4879	288.	14341.	1185.	10602.	2957.
464.8748	266.	14252.	1151.	10652.	2946.
465.2618	350.	13935.	1150.	10757.	2992.
465.6487	335.	13876.	1080.	10638.	2951.
466.0355	276.	13911.	1173.	10680.	2994.
466.4224	348.	13970.	1131.	10688.	2981.
466.8092	286.	14103.	1187.	10727.	2980.
467.1960	267.	13545.	1165.	10788.	3016.
467.5828	263.	13694.	1186.	10894.	3038.
467.9696	338.	13912.	1161.	10765.	2933.
468.3563	300.	13866.	1130.	10624.	3168.
468.7430	298.	13466.	1080.	10979.	3038.
469.1297	290.	13257.	1175.	10727.	3038.
469.5163	321.	13229.	1123.	10728.	3109.

469.9030	278.	13476.	1111.	11139.	3067.
470.2896	373.	13238.	1176.	10989.	3033.
470.6762	311.	13227.	1110.	10817.	3017.
471.0627	288.	13390.	1130.	11028.	2973.
471.4492	336.	13128.	1160.	11217.	2971.
471.8358	311.	13188.	1206.	11099.	3019.
472.2222	292.	13179.	1183.	11188.	3068.
472.6087	334.	13070.	1155.	11307.	3043.
472.9951	308.	13293.	1137.	10879.	3041.
473.3815	295.	13335.	1193.	11264.	3094.
473.7679	297.	13161.	1126.	11306.	3049.
474.1543	287.	12853.	1165.	11273.	3151.
474.5406	325.	12760.	1202.	11156.	3082.
474.9269	295.	12926.	1143.	11310.	2995.
475.3132	272.	12915.	1195.	11431.	3079.
475.6994	323.	12982.	1189.	11345.	2984.
476.0857	289.	12658.	1195.	11513.	3002.
476.4719	297.	12687.	1137.	11454.	3069.
476.8580	267.	12675.	1213.	11680.	3004.
477.2442	300.	12869.	1193.	11574.	3056.
477.6303	301.	12655.	1134.	11750.	2995.
478.0164	308.	12795.	1202.	11947.	3031.
478.4025	338.	12305.	1223.	11774.	2998.
478.7886	323.	12631.	1233.	11719.	2953.
479.1746	305.	12902.	1137.	12079.	3053.
479.5606	291.	12702.	1250.	12261.	3110.
479.9466	326.	12438.	1184.	12157.	3142.
480.3325	290.	12616.	1212.	12132.	2987.

480.7185	325.	12521.	1213.	12226.	3121.
481.1044	326.	12486.	1098.	12210.	3094.
481.4902	295.	12399.	1149.	12547.	3203.
481.8761	318.	12575.	1126.	12259.	3076.
482.2619	318.	12305.	1133.	12340.	3150.
482.6477	308.	12473.	1264.	12501.	3088.
483.0335	270.	12298.	1199.	12456.	3061.
483.4193	295.	12181.	1189.	12638.	3130.
483.8050	319.	12081.	1203.	12807.	3183.
484.1907	287.	12423.	1173.	12924.	3173.
484.5764	320.	12284.	1152.	12991.	2976.
484.9620	265.	11855.	1158.	12758.	2922.
485.3476	323.	11837.	1174.	12950.	3138.
485.7333	327.	12098.	1121.	13037.	3024.
486.1188	296.	12185.	1161.	13026.	3051.
486.5044	313.	12010.	1156.	13156.	2980.
486.8899	280.	12159.	1131.	13030.	3093.
487.2754	289.	12155.	1189.	13455.	2905.
487.6609	289.	11934.	1237.	13297.	3107.
488.0463	285.	12164.	1178.	13679.	3121.
488.4318	283.	12160.	1203.	14130.	3189.
488.8172	307.	12407.	1222.	14049.	3147.
489.2026	274.	12070.	1239.	14282.	3045.
489.5879	304.	12211.	1205.	14413.	3111.
489.9732	300.	12130.	1144.	14701.	3068.
490.3585	303.	11959.	1183.	14492.	3072.
490.7438	288.	12299.	1162.	14910.	3157.
491.1291	293.	12074.	1156.	14589.	3170.

491.5143	315.	12306.	1199.	15113.	3131.
491.8995	320.	12085.	1200.	15330.	3159.
492.2847	274.	12238.	1141.	15220.	3124.
492.6698	284.	12225.	1178.	15708.	3140.
493.0550	273.	12036.	1204.	15794.	3071.
493.4401	275.	12386.	1240.	15883.	3131.
493.8251	297.	12341.	1242.	16143.	3086.
494.2102	268.	12029.	1221.	16367.	3288.
494.5952	304.	12165.	1257.	16495.	3214.
494.9802	312.	12293.	1244.	16791.	3134.
495.3652	338.	12133.	1189.	16810.	3081.
495.7502	273.	12185.	1247.	17157.	3223.
496.1351	335.	12313.	1199.	17717.	3142.
496.5200	290.	12337.	1219.	17788.	3340.
496.9049	280.	12270.	1229.	17908.	3169.
497.2897	294.	12268.	1191.	18333.	3223.
497.6746	305.	12277.	1229.	18534.	3240.
498.0594	272.	12379.	1230.	18850.	3280.
498.4441	266.	12379.	1222.	19211.	3177.
498.8289	259.	12397.	1151.	19519.	3083.
499.2136	233.	12353.	1261.	19849.	3158.
499.5983	261.	12610.	1231.	19992.	3096.
499.9830	279.	12492.	1216.	20527.	3284.
500.3677	271.	12368.	1265.	20932.	3120.
500.7523	280.	12408.	1238.	21391.	3122.
501.1369	247.	12397.	1168.	21729.	3144.
501.5215	290.	12508.	1217.	22060.	3103.
501.9060	298.	12589.	1222.	22558.	3182.

502.2906	263.	12745.	1283.	22985.	3168.
502.6751	249.	12411.	1204.	23601.	3244.
503.0595	266.	12840.	1186.	24165.	3124.
503.4440	258.	12472.	1214.	24410.	3243.
503.8284	272.	12640.	1226.	24890.	3108.
504.2128	267.	12674.	1283.	25370.	3202.
504.5972	267.	12309.	1186.	25969.	3105.
504.9816	258.	12762.	1236.	26887.	3235.
505.3659	257.	12870.	1286.	27579.	3187.
505.7502	270.	12689.	1274.	28114.	3251.
506.1345	274.	12642.	1193.	28512.	3168.
506.5187	267.	12694.	1221.	29501.	3314.
506.9030	226.	12752.	1196.	29953.	3335.
507.2872	263.	12446.	1303.	30383.	3164.
507.6713	268.	12744.	1277.	30824.	3231.
508.0555	217.	12671.	1220.	31894.	3226.
508.4396	251.	12822.	1282.	32286.	3272.
508.8237	240.	12657.	1267.	33155.	3215.
509.2078	261.	12729.	1252.	33666.	3290.
509.5919	238.	12990.	1266.	33953.	3265.
509.9759	252.	12894.	1240.	35037.	3238.
510.3599	252.	12614.	1281.	35284.	3332.
510.7439	236.	12805.	1251.	36051.	3358.
511.1278	242.	12562.	1303.	36319.	3301.
511.5118	244.	12662.	1207.	37589.	3275.
511.8957	265.	12751.	1223.	37769.	3291.
512.2796	237.	12651.	1341.	38007.	3349.
512.6634	257.	12805.	1225.	38106.	3342.

513.0472	227.	12754.	1240.	38688.	3372.
513.4310	228.	12979.	1286.	38736.	3340.
513.8148	260.	12310.	1327.	39393.	3300.
514.1986	237.	12798.	1278.	39216.	3291.
514.5823	252.	12888.	1294.	39943.	3495.
514.9660	265.	12416.	1251.	39958.	3234.
515.3497	222.	12751.	1253.	40565.	3428.
515.7334	248.	12769.	1268.	40261.	3249.
516.1170	211.	12908.	1240.	40467.	3340.
516.5006	249.	12620.	1280.	40651.	3319.
516.8842	250.	12675.	1274.	41012.	3335.
517.2677	218.	12708.	1310.	40495.	3438.
517.6513	234.	12776.	1169.	40458.	3492.
518.0348	235.	12563.	1251.	40598.	3413.
518.4183	226.	12741.	1276.	40268.	3393.
518.8017	248.	12720.	1302.	40312.	3267.
519.1852	246.	12677.	1325.	39818.	3449.
519.5686	216.	12518.	1317.	39766.	3426.
519.9519	265.	12555.	1245.	39600.	3401.
520.3353	241.	12826.	1286.	38498.	3529.
520.7186	271.	12578.	1266.	39209.	3542.
521.1019	188.	12537.	1204.	38601.	3427.
521.4852	223.	12407.	1279.	38338.	3453.
521.8685	222.	12729.	1312.	37714.	3417.
522.2517	252.	12415.	1336.	37113.	3486.
522.6349	224.	12486.	1354.	36852.	3390.
523.0181	232.	12259.	1249.	36893.	3576.
523.4013	219.	12553.	1345.	35786.	3511.

523.7844	245.	12277.	1274.	35775.	3468.
524.1675	239.	12597.	1279.	35064.	3442.
524.5506	220.	12484.	1310.	34796.	3353.
524.9337	235.	12596.	1308.	34535.	3483.
525.3167	207.	12492.	1354.	34092.	3379.
525.6997	224.	12318.	1382.	33143.	3598.
526.0827	245.	12209.	1354.	33098.	3643.
526.4656	186.	12582.	1290.	32929.	3556.
526.8486	236.	12392.	1390.	32144.	3598.
527.2315	220.	12418.	1355.	31501.	3626.
527.6144	207.	12320.	1395.	31078.	3644.
527.9972	230.	12462.	1323.	30897.	3483.
528.3801	202.	12317.	1346.	30156.	3559.
528.7629	252.	12555.	1377.	29789.	3610.
529.1457	238.	12239.	1293.	29291.	3642.
529.5284	208.	12243.	1295.	28918.	3623.
529.9112	193.	12311.	1368.	28341.	3665.
530.2939	241.	12326.	1383.	28150.	3551.
530.6766	238.	12321.	1385.	27849.	3613.
531.0592	202.	12205.	1338.	27354.	3571.
531.4419	240.	12386.	1372.	26809.	3635.
531.8245	253.	12080.	1314.	26665.	3673.
532.2071	208.	12071.	1308.	26196.	3540.
532.5896	194.	12310.	1431.	25925.	3569.
532.9722	201.	12166.	1404.	25426.	3758.
533.3547	189.	12312.	1377.	24877.	3702.
533.7372	228.	11861.	1450.	24629.	3651.
534.1196	204.	12345.	1425.	24540.	3647.

534.5021	204.	12214.	1339.	24031.	3732.
534.8845	202.	12296.	1388.	23788.	3656.
535.2669	210.	12349.	1408.	23730.	3753.
535.6492	185.	12354.	1387.	23147.	3628.
536.0316	215.	11945.	1445.	22827.	3718.
536.4139	236.	12191.	1486.	22801.	3713.
536.7962	212.	12295.	1467.	22017.	3757.
537.1784	213.	12047.	1406.	22216.	3699.
537.5607	235.	12067.	1424.	21808.	3714.
537.9429	239.	12194.	1404.	21757.	3826.
538.3251	228.	12099.	1396.	21617.	3682.
538.7073	217.	12335.	1368.	21441.	3692.
539.0894	270.	12218.	1381.	21184.	3761.
539.4715	195.	12131.	1431.	20850.	3852.
539.8536	239.	11988.	1442.	20667.	3722.
540.2357	195.	12062.	1411.	20162.	3760.
540.6177	203.	12168.	1426.	20277.	3799.
540.9997	235.	12131.	1413.	19762.	3829.
541.3817	229.	12145.	1396.	19725.	3815.
541.7637	207.	12049.	1478.	19987.	3760.
542.1456	210.	12276.	1429.	19329.	3828.
542.5276	197.	12204.	1387.	18937.	3847.
542.9094	234.	12437.	1526.	19312.	3867.
543.2913	206.	12251.	1512.	18941.	3779.
543.6732	208.	12298.	1414.	18679.	3754.
544.0550	220.	12411.	1461.	18530.	3813.
544.4368	204.	12005.	1421.	18472.	3897.
544.8185	196.	12321.	1538.	18310.	4027.

545.2003	217.	12085.	1482.	17997.	3945.
545.5820	191.	12500.	1421.	17689.	3918.
545.9637	223.	12050.	1503.	18143.	3850.
546.3454	233.	12226.	1470.	17635.	3971.
546.7270	201.	12255.	1449.	17525.	3940.
547.1086	201.	12478.	1451.	17376.	3952.
547.4902	203.	12042.	1536.	17389.	3995.
547.8718	220.	12323.	1444.	17446.	4078.
548.2533	198.	12465.	1459.	17066.	4025.
548.6349	235.	12197.	1474.	16816.	4060.
549.0164	202.	12213.	1461.	16893.	4040.
549.3978	202.	12353.	1536.	16636.	4070.
549.7793	191.	12156.	1522.	16421.	4019.
550.1607	218.	12474.	1545.	16468.	4150.
550.5421	212.	12336.	1460.	16327.	3974.
550.9235	203.	12418.	1459.	16350.	4159.
551.3048	191.	12551.	1524.	16064.	4148.
551.6861	225.	12532.	1392.	16100.	4111.
552.0674	225.	12497.	1478.	15719.	4197.
552.4487	198.	12570.	1532.	15801.	4201.
552.8300	248.	12402.	1523.	15897.	4302.
553.2112	188.	12585.	1538.	15469.	4196.
553.5924	222.	12661.	1563.	15403.	4280.
553.9736	200.	12639.	1535.	15425.	4202.
554.3547	231.	12552.	1530.	15161.	4400.
554.7358	208.	12689.	1526.	15279.	4284.
555.1169	220.	12560.	1409.	15058.	4317.
555.4980	210.	12785.	1586.	15431.	4290.

555.8791	243.	12462.	1509.	15162.	4258.
556.2601	222.	12653.	1464.	15001.	4278.
556.6411	195.	12693.	1533.	15110.	4489.
557.0221	218.	12708.	1603.	14608.	4445.
557.4030	201.	12687.	1571.	14987.	4475.
557.7839	203.	12852.	1589.	14769.	4480.
558.1648	206.	12759.	1620.	15027.	4462.
558.5457	194.	12793.	1526.	14822.	4490.
558.9266	208.	12816.	1621.	14947.	4565.
559.3074	197.	13032.	1538.	14445.	4503.
559.6882	202.	13079.	1555.	14451.	4603.
560.0690	174.	13106.	1564.	14547.	4587.
560.4497	213.	12891.	1573.	14462.	4656.
560.8305	183.	12997.	1596.	14626.	4677.
561.2112	229.	13146.	1517.	14318.	4697.
561.5918	157.	13165.	1577.	14484.	4777.
561.9725	208.	13138.	1571.	14454.	4742.
562.3531	199.	13322.	1571.	14442.	4817.
562.7337	215.	13196.	1553.	14206.	4769.
563.1143	201.	13305.	1593.	14291.	4949.
563.4949	204.	13047.	1536.	14295.	4931.
563.8754	210.	13486.	1651.	13965.	4901.
564.2559	201.	13140.	1547.	14062.	4987.
564.6364	202.	13337.	1574.	14173.	4945.
565.0169	214.	13772.	1621.	14061.	4924.
565.3973	164.	13578.	1644.	13946.	4984.
565.7777	228.	13601.	1696.	13972.	4989.
566.1581	202.	13511.	1609.	14083.	5122.

566.5384	200.	13681.	1545.	13974.	4946.
566.9188	212.	13679.	1634.	14017.	5316.
567.2991	224.	13728.	1636.	13971.	5246.
567.6794	203.	13668.	1575.	13973.	5308.
568.0596	215.	13676.	1649.	13726.	5198.
568.4399	220.	13801.	1538.	13695.	5151.
568.8201	224.	13934.	1544.	13939.	5375.
569.2003	223.	13897.	1672.	13822.	5499.
569.5804	202.	14221.	1577.	13891.	5499.
569.9606	205.	13863.	1493.	13905.	5494.
570.3407	211.	13882.	1549.	13732.	5500.
570.7208	215.	14172.	1660.	13740.	5507.
571.1008	206.	13921.	1618.	13915.	5507.
571.4809	196.	14231.	1617.	13652.	5605.
571.8609	198.	14073.	1570.	13866.	5466.
572.2409	175.	14238.	1556.	13720.	5657.
572.6208	208.	14128.	1594.	13676.	5751.
573.0008	203.	14220.	1477.	13734.	5626.
573.3807	205.	14653.	1585.	13458.	5705.
573.7606	176.	14404.	1574.	13783.	5732.
574.1404	186.	14591.	1582.	13507.	5881.
574.5203	213.	14686.	1502.	13766.	5827.
574.9001	195.	14754.	1608.	13603.	5951.
575.2799	153.	14825.	1590.	13766.	5953.
575.6596	198.	14521.	1531.	13703.	5853.
576.0394	216.	14740.	1545.	13586.	5917.
576.4191	202.	14812.	1580.	13499.	6014.
576.7988	199.	14779.	1493.	13813.	6025.

577.1785	180.	14780.	1490.	13576.	5949.
577.5581	220.	15024.	1494.	13639.	5822.
577.9377	207.	15193.	1501.	13450.	6148.
578.3173	192.	15013.	1471.	13891.	6060.
578.6969	211.	14935.	1418.	13599.	6114.
579.0764	215.	15263.	1468.	13607.	6097.
579.4559	211.	14954.	1423.	13546.	6050.
579.8354	179.	15127.	1528.	13673.	6028.
580.2149	244.	15321.	1498.	13577.	6233.
580.5944	209.	15071.	1397.	13574.	5959.
580.9738	225.	15311.	1452.	13825.	5922.
581.3532	206.	15216.	1416.	13654.	6030.
581.7325	192.	15494.	1447.	13606.	5796.
582.1119	220.	15525.	1434.	13679.	5961.
582.4912	207.	15371.	1377.	13572.	5806.
582.8705	203.	15750.	1399.	13720.	6133.
583.2498	196.	15455.	1348.	13572.	5764.
583.6290	218.	15812.	1366.	13590.	5787.
584.0083	199.	16008.	1344.	13691.	5818.
584.3875	233.	16033.	1393.	13807.	5671.
584.7666	208.	16135.	1366.	13816.	5631.
585.1458	211.	15914.	1321.	13542.	5613.
585.5249	179.	15964.	1320.	13624.	5404.
585.9040	193.	16125.	1255.	13881.	5546.
586.2831	195.	16240.	1351.	13654.	5415.
586.6621	207.	16281.	1238.	13787.	5308.
587.0412	215.	16325.	1354.	14018.	5093.
587.4202	208.	16252.	1312.	13858.	5081.

587.7991	209.	16726.	1204.	13988.	5054.
588.1781	246.	16543.	1279.	13710.	5132.
588.5570	219.	16679.	1240.	13822.	4862.
588.9359	186.	16787.	1297.	14041.	5001.
589.3148	202.	16556.	1254.	13901.	4863.
589.6937	229.	16626.	1283.	14130.	4824.
590.0725	218.	16790.	1242.	13780.	4735.
590.4513	208.	16981.	1249.	14204.	4678.
590.8301	208.	17106.	1233.	14016.	4740.
591.2088	214.	16992.	1162.	14021.	4543.
591.5876	197.	17009.	1263.	13912.	4327.
591.9663	195.	17158.	1252.	14177.	4391.
592.3450	211.	17441.	1177.	14306.	4143.
592.7236	212.	17438.	1199.	14042.	4214.
593.1023	213.	17388.	1168.	14385.	4129.
593.4809	207.	17840.	1197.	14592.	3937.
593.8594	185.	17804.	1146.	14426.	4009.
594.2380	193.	17719.	1186.	14604.	3904.
594.6165	184.	17932.	1156.	14559.	3807.
594.9951	215.	17632.	1143.	14751.	3783.
595.3735	220.	17855.	1178.	14583.	3670.
595.7520	254.	18018.	1234.	14586.	3753.
596.1304	176.	18177.	1094.	14864.	3643.
596.5088	204.	18161.	1163.	14781.	3733.
596.8872	198.	17978.	1141.	15033.	3560.
597.2656	203.	18447.	1181.	14985.	3563.
597.6439	227.	18274.	1084.	14904.	3531.
598.0223	173.	18576.	1115.	14945.	3423.

598.4005	209.	18405.	1083.	15126.	3416.
598.7788	206.	18412.	1150.	15389.	3330.
599.1570	203.	18571.	1125.	15394.	3355.
599.5353	193.	18495.	1099.	15713.	3244.
599.9135	240.	18790.	1101.	15724.	3254.
600.2916	189.	18627.	1076.	15539.	3197.
600.6698	203.	18921.	1103.	15721.	3373.
601.0479	180.	19326.	1079.	15875.	3213.
601.4260	213.	18760.	1112.	15803.	3167.
601.8040	207.	18939.	1127.	16122.	3187.
602.1821	181.	18952.	1089.	16069.	3085.
602.5601	201.	19113.	1073.	16210.	3052.
602.9381	194.	19451.	1095.	16599.	3039.
603.3161	206.	19278.	1094.	16586.	3032.
603.6940	203.	19518.	1087.	16528.	2960.
604.0719	208.	19255.	1085.	16756.	2935.
604.4498	199.	19422.	1097.	17085.	3113.
604.8277	177.	19535.	1054.	17003.	3007.
605.2055	202.	19356.	1051.	17333.	3011.
605.5834	189.	19556.	1056.	17436.	3026.
605.9612	194.	19403.	1045.	17581.	2986.
606.3389	193.	19440.	1037.	17727.	2939.
606.7167	164.	19654.	1085.	18007.	2854.
607.0944	221.	19765.	1054.	18144.	2834.
607.4721	187.	19742.	1046.	18441.	2808.
607.8498	225.	20080.	1044.	18309.	2907.
608.2274	188.	19929.	985.	18811.	2837.
608.6051	219.	19625.	1052.	19002.	2923.

608.9827	196.	19930.	1035.	19022.	2759.
609.3602	236.	20109.	1060.	19035.	2778.
609.7378	213.	19988.	1081.	19304.	2712.
610.1153	203.	19830.	1006.	19512.	2722.
610.4928	192.	19920.	1048.	19711.	2712.
610.8703	200.	19844.	1060.	19917.	2760.
611.2478	209.	20147.	1026.	20349.	2805.
611.6252	211.	20018.	1071.	20640.	2675.
612.0026	224.	19860.	1029.	21019.	2662.
612.3800	197.	20110.	971.	20942.	2799.
612.7573	242.	19978.	1017.	21418.	2700.
613.1347	205.	19864.	1031.	21699.	2646.
613.5120	178.	19931.	1077.	22120.	2774.
613.8893	194.	19832.	1024.	22358.	2680.
614.2665	204.	20039.	1008.	22808.	2710.
614.6438	216.	19843.	997.	23179.	2708.
615.0210	197.	20077.	962.	22963.	2774.
615.3982	197.	19724.	954.	23525.	2749.
615.7753	201.	20294.	1019.	23994.	2593.
616.1524	202.	19739.	993.	24071.	2607.
616.5296	181.	20121.	1025.	24738.	2563.
616.9066	211.	19637.	957.	24895.	2685.
617.2837	184.	20162.	1004.	25399.	2618.
617.6607	152.	19755.	927.	25544.	2511.
618.0378	188.	19872.	1020.	26219.	2562.
618.4148	184.	19743.	985.	26822.	2483.
618.7917	207.	19659.	1017.	26814.	2592.
619.1687	212.	19512.	945.	27658.	2507.

619.5456	184.	19565.	951.	27485.	2536.
619.9225	171.	19628.	984.	28356.	2608.
620.2993	203.	19708.	938.	28627.	2623.
620.6762	211.	19388.	1013.	29261.	2564.
621.0530	191.	19496.	970.	29495.	2608.
621.4298	181.	19300.	962.	30245.	2339.
621.8066	185.	19186.	916.	30539.	2512.
622.1833	179.	19324.	996.	31306.	2538.
622.5600	182.	19311.	939.	31676.	2473.
622.9367	199.	19436.	967.	32498.	2442.
623.3134	185.	19269.	941.	33242.	2508.
623.6900	220.	19227.	966.	33282.	2433.
624.0667	220.	19122.	971.	33785.	2495.
624.4432	198.	18605.	917.	34364.	2459.
624.8198	157.	18847.	919.	35378.	2531.
625.1964	205.	18898.	1018.	35814.	2467.
625.5729	223.	18714.	917.	36387.	2475.
625.9494	212.	18889.	901.	37125.	2486.
626.3259	224.	19198.	942.	37712.	2428.
626.7023	201.	18471.	983.	38288.	2556.
627.0787	208.	18408.	957.	39299.	2411.
627.4551	224.	18654.	973.	39906.	2450.
627.8315	195.	18745.	945.	40671.	2457.
628.2079	194.	18672.	958.	40916.	2383.
628.5842	214.	18416.	944.	41860.	2516.
628.9605	204.	18069.	886.	42376.	2436.
629.3368	231.	18302.	941.	42702.	2328.
629.7130	168.	18195.	895.	43273.	2485.

630.0893	171.	18068.	938.	44626.	2430.
630.4655	163.	17919.	942.	45047.	2464.
630.8417	204.	17980.	961.	45614.	2479.
631.2178	219.	17770.	829.	46266.	2377.
631.5940	191.	17701.	986.	47040.	2500.
631.9701	178.	17703.	967.	47752.	2385.
632.3461	206.	17910.	938.	48033.	2546.
632.7222	213.	17766.	868.	48973.	2379.
633.0982	177.	17394.	945.	49408.	2432.
633.4742	225.	17615.	902.	50337.	2501.
633.8502	188.	17329.	892.	50606.	2397.
634.2262	212.	17185.	870.	50826.	2415.
634.6021	172.	17193.	864.	51494.	2470.
634.9780	189.	17286.	922.	52153.	2438.
635.3539	208.	16872.	887.	52075.	2435.
635.7298	148.	16928.	911.	52450.	2359.
636.1056	235.	16870.	937.	52972.	2513.
636.4815	195.	16701.	967.	53537.	2409.
636.8572	195.	16566.	885.	53405.	2488.
637.2330	172.	16799.	869.	53854.	2309.
637.6088	213.	16482.	893.	53710.	2317.
637.9845	192.	16719.	865.	54234.	2380.
638.3602	181.	16262.	932.	53951.	2299.
638.7358	188.	16367.	906.	54266.	2467.
639.1115	178.	16442.	837.	54418.	2368.
639.4871	212.	16398.	891.	54591.	2327.
639.8627	197.	15889.	896.	54002.	2390.
640.2383	203.	15980.	869.	54003.	2432.

640.6138	205.	15708.	889.	53544.	2502.
640.9893	200.	16046.	845.	54188.	2393.
641.3648	237.	15682.	896.	53373.	2338.
641.7403	203.	15384.	906.	53259.	2503.
642.1158	198.	15417.	870.	53051.	2343.
642.4912	192.	15358.	875.	52579.	2369.
642.8666	192.	15316.	926.	52479.	2464.
643.2420	192.	15327.	887.	52246.	2482.
643.6173	213.	14839.	917.	51147.	2414.
643.9926	196.	15088.	931.	51028.	2335.
644.3679	186.	15015.	925.	50145.	2353.
644.7432	219.	14888.	896.	50395.	2342.
645.1185	201.	14723.	952.	49542.	2354.
645.4937	226.	14904.	927.	48805.	2401.
645.8689	168.	14796.	878.	48646.	2403.
646.2441	193.	14624.	868.	47678.	2473.
646.6192	212.	14575.	879.	47029.	2413.
646.9944	189.	14336.	867.	46530.	2385.
647.3695	243.	14460.	866.	45838.	2404.
647.7446	226.	13864.	904.	45222.	2446.
648.1196	190.	14112.	859.	44917.	2483.
648.4947	191.	14183.	845.	44160.	2444.
648.8697	230.	14121.	921.	43963.	2392.
649.2447	198.	13781.	868.	43001.	2354.
649.6196	216.	13626.	866.	42325.	2536.
649.9946	212.	13904.	871.	41928.	2378.
650.3695	208.	13751.	876.	41354.	2478.
650.7444	200.	13767.	824.	40769.	2424.

651.1192	199.	13683.	811.	39808.	2406.
651.4941	223.	13439.	843.	39224.	2415.
651.8689	207.	13375.	848.	38739.	2316.
652.2437	235.	13213.	836.	37678.	2457.
652.6184	202.	13070.	897.	37619.	2409.
652.9932	212.	13198.	827.	36965.	2441.
653.3679	215.	13174.	794.	36682.	2442.
653.7426	185.	13052.	838.	36219.	2492.
654.1173	209.	13201.	872.	35342.	2410.
654.4919	183.	12784.	836.	34919.	2430.
654.8665	233.	12822.	824.	34402.	2408.
655.2411	190.	12673.	797.	33812.	2369.
655.6157	209.	12690.	903.	33119.	2248.
655.9902	224.	12786.	842.	32609.	2438.
656.3648	225.	12476.	911.	32352.	2434.
656.7393	199.	12582.	880.	31685.	2345.
657.1137	228.	12533.	864.	31105.	2329.
657.4882	204.	12176.	867.	30967.	2419.
657.8626	219.	12266.	850.	30318.	2322.
658.2370	204.	12210.	840.	29636.	2363.
658.6114	188.	12335.	867.	29458.	2418.
658.9857	201.	12052.	875.	29153.	2290.
659.3601	220.	12085.	818.	28535.	2399.
659.7344	206.	11911.	819.	28284.	2347.
660.1086	234.	12071.	836.	28097.	2280.
660.4829	193.	12274.	807.	27419.	2459.
660.8571	222.	11793.	848.	26963.	2393.
661.2313	194.	11842.	791.	26724.	2387.

661.6055	199.	11755.	780.	26574.	2407.
661.9797	196.	11771.	850.	25975.	2416.
662.3538	197.	11911.	832.	25606.	2347.
662.7279	206.	11656.	879.	25490.	2312.
663.1020	214.	11451.	823.	24843.	2370.
663.4761	226.	11332.	875.	24713.	2387.
663.8501	177.	11546.	825.	24462.	2406.
664.2241	204.	11436.	850.	24085.	2412.
664.5981	215.	11415.	845.	23650.	2379.
664.9721	200.	11473.	767.	23725.	2278.
665.3460	177.	11124.	832.	23163.	2476.
665.7199	225.	11307.	794.	22663.	2282.
666.0938	225.	11142.	842.	22615.	2306.
666.4677	221.	11116.	834.	22300.	2408.
666.8415	227.	11102.	801.	21914.	2332.
667.2153	195.	10901.	824.	21976.	2356.
667.5891	196.	10894.	803.	21501.	2424.
667.9629	210.	10925.	832.	21047.	2326.
668.3366	189.	10925.	888.	21094.	2309.
668.7104	223.	10886.	822.	21007.	2374.
669.0841	206.	10741.	852.	20495.	2320.
669.4577	197.	10701.	824.	20009.	2231.
669.8314	227.	10916.	822.	20096.	2349.
670.2050	183.	10646.	807.	19673.	2236.
670.5786	199.	10479.	829.	19718.	2282.
670.9522	208.	10545.	834.	19186.	2145.
671.3257	180.	10669.	806.	19266.	2337.
671.6993	227.	10577.	808.	18836.	2194.

672.0728	205.	10368.	859.	18557.	2242.
672.4462	226.	10363.	758.	18592.	2288.
672.8197	205.	10731.	762.	18469.	2261.
673.1931	242.	10601.	779.	18150.	2287.
673.5665	204.	10395.	840.	18027.	2317.
673.9399	188.	10341.	824.	17581.	2312.
674.3133	215.	10340.	853.	17582.	2281.
674.6866	226.	10365.	795.	17514.	2174.
675.0599	212.	10095.	792.	17458.	2166.
675.4332	213.	10300.	793.	17042.	2290.
675.8064	202.	10264.	806.	16905.	2303.
676.1797	193.	10045.	777.	16654.	2230.
676.5529	238.	9955.	760.	16462.	2328.
676.9261	220.	10056.	784.	16169.	2237.
677.2992	217.	9906.	775.	16135.	2129.
677.6724	172.	9844.	771.	16077.	2209.
678.0455	223.	10138.	807.	15993.	2233.
678.4186	198.	9824.	781.	15747.	2182.
678.7916	200.	10090.	827.	15564.	2246.
679.1647	212.	9820.	785.	15510.	2171.
679.5377	221.	10037.	810.	15427.	2261.
679.9107	234.	9893.	868.	15234.	2246.
680.2837	235.	9710.	813.	15286.	2280.
680.6566	199.	10019.	792.	14887.	2156.
681.0295	188.	9610.	739.	14827.	2295.
681.4024	193.	9670.	781.	14622.	2200.
681.7753	216.	9633.	787.	14654.	2244.
682.1481	228.	9714.	806.	14467.	2132.

682.5210	225.	9447.	792.	14309.	2139.
682.8938	237.	9525.	802.	14169.	2162.
683.2665	177.	9679.	791.	13926.	2163.
683.6393	215.	9468.	780.	14103.	2133.
684.0120	171.	9554.	806.	13826.	2176.
684.3847	190.	9433.	814.	13768.	2145.
684.7574	213.	9479.	762.	13429.	2136.
685.1300	203.	9282.	790.	13456.	2215.
685.5027	250.	9350.	817.	13416.	2211.
685.8753	191.	9190.	832.	13370.	2196.
686.2479	226.	9310.	822.	13232.	2162.
686.6204	225.	9340.	874.	13255.	2230.
686.9929	208.	9174.	759.	12931.	2155.
687.3655	176.	9314.	798.	12893.	2129.
687.7379	183.	9390.	808.	12727.	2194.
688.1104	190.	9367.	805.	12713.	2107.
688.4828	201.	9139.	767.	12644.	2196.
688.8552	229.	9287.	764.	12527.	2223.
689.2276	190.	9019.	802.	12389.	2179.
689.6000	214.	9213.	779.	12634.	2138.
689.9723	211.	9134.	787.	12329.	2103.
690.3446	186.	9096.	782.	12391.	2107.
690.7169	212.	9073.	830.	12227.	2189.
691.0892	213.	9133.	778.	12070.	2109.
691.4614	188.	9148.	742.	11991.	2213.
691.8337	223.	9261.	799.	11916.	2153.
692.2059	231.	9039.	807.	11607.	2209.
692.5780	183.	9032.	827.	11781.	2134.

692.9502	184.	8683.	761.	11511.	2109.
693.3223	205.	8906.	774.	11515.	2155.
693.6944	218.	8745.	773.	11535.	2181.
694.0665	225.	8856.	756.	11380.	2058.
694.4385	210.	8711.	810.	11450.	2201.
694.8105	239.	9074.	792.	11309.	2082.
695.1825	204.	8745.	801.	11118.	2098.
695.5545	206.	8808.	777.	11158.	2060.
695.9265	225.	8707.	811.	11015.	2176.
696.2984	236.	8707.	806.	10848.	2110.
696.6703	195.	8610.	763.	10928.	2107.
697.0422	262.	8708.	758.	10785.	2159.
697.4140	206.	8656.	750.	10834.	2142.
697.7858	245.	8587.	765.	10724.	2145.
698.1577	183.	8634.	743.	10741.	2087.
698.5294	195.	8527.	810.	10588.	2050.
698.9012	207.	8607.	803.	10323.	2062.
699.2729	225.	8621.	797.	10459.	2147.
699.6446	197.	8657.	757.	10156.	2109.
700.0163	220.	8607.	763.	10070.	2074.
700.3880	191.	8603.	720.	10334.	2107.
700.7596	203.	8419.	785.	10303.	2004.
701.1312	209.	8520.	749.	10126.	2111.
701.5028	216.	8296.	837.	9990.	2080.
701.8744	223.	8553.	732.	9817.	2177.
702.2459	272.	8095.	773.	9703.	2147.
702.6174	205.	8307.	745.	9843.	2016.
702.9889	216.	8385.	733.	9754.	2178.

703.3604	217.	8470.	730.	9701.	1988.
703.7318	207.	8316.	709.	9628.	2075.
704.1033	182.	8382.	761.	9461.	2030.
704.4747	210.	8444.	693.	9703.	2064.
704.8460	213.	8307.	768.	9462.	2035.
705.2174	216.	8208.	721.	9268.	2079.
705.5887	240.	8191.	774.	9311.	2057.
705.9600	226.	8158.	732.	9390.	2175.
706.3313	232.	8283.	723.	9345.	2106.
706.7025	212.	8021.	743.	9202.	2055.
707.0737	209.	8094.	721.	9338.	2017.
707.4450	230.	8202.	766.	9111.	2012.
707.8161	198.	7911.	744.	8952.	2069.
708.1873	196.	7953.	738.	9104.	2126.
708.5584	210.	7889.	722.	8914.	2030.
708.9295	226.	7974.	759.	8773.	2140.
709.3006	216.	7913.	727.	8789.	2147.
709.6717	230.	7844.	707.	8707.	2023.
710.0427	182.	8019.	696.	8688.	2064.
710.4137	215.	7926.	690.	8618.	1990.
710.7847	220.	7781.	734.	8333.	1996.
711.1556	194.	7981.	666.	8575.	2101.
711.5266	203.	7897.	662.	8219.	2014.
711.8975	234.	7769.	714.	8307.	2072.
712.2684	210.	7865.	718.	8487.	2058.
712.6392	225.	7755.	768.	8322.	1995.
713.0101	204.	7715.	733.	8137.	2048.
713.3809	221.	7675.	705.	8217.	1958.

713.7517	181.	7546.	730.	8117.	2029.
714.1225	207.	7577.	759.	8196.	2086.
714.4932	214.	7701.	748.	8169.	2027.
714.8639	214.	7728.	751.	7954.	1997.
715.2346	229.	7629.	684.	8008.	2060.
715.6053	224.	7598.	721.	7824.	2060.
715.9759	211.	7689.	751.	7893.	2018.
716.3466	235.	7378.	766.	7738.	1995.
716.7172	236.	7371.	702.	7650.	2075.
717.0877	197.	7295.	721.	7793.	2095.
717.4583	223.	7465.	711.	7679.	2061.
717.8288	192.	7384.	739.	7660.	2039.
718.1993	204.	7469.	769.	7650.	2034.
718.5698	219.	7412.	766.	7521.	2092.
718.9403	180.	7428.	755.	7490.	1978.
719.3107	193.	7393.	705.	7329.	2043.
719.6811	199.	7329.	690.	7405.	2082.
720.0515	189.	7248.	703.	7717.	2047.
720.4218	221.	7304.	743.	7213.	1999.
720.7922	208.	7310.	698.	7385.	2015.
721.1625	227.	7223.	723.	7237.	2020.
721.5328	214.	7290.	645.	7321.	1973.
721.9030	212.	7131.	712.	7042.	2015.
722.2733	219.	7079.	682.	7163.	1930.
722.6435	211.	7199.	756.	7046.	2015.
723.0137	201.	7171.	768.	7087.	2037.
723.3838	171.	7218.	737.	6976.	1971.
723.7540	211.	7082.	667.	6853.	2117.

724.1241	220.	7148.	706.	6806.	2029.
724.4942	220.	6961.	733.	6868.	2012.
724.8642	225.	7109.	723.	6964.	2041.
725.2343	220.	6848.	761.	6735.	2034.
725.6043	226.	6950.	737.	6915.	2009.
725.9743	188.	7112.	701.	6660.	2016.
726.3443	199.	6956.	699.	6771.	1960.
726.7142	227.	6906.	735.	6685.	1938.
727.0842	222.	7038.	683.	6755.	1972.
727.4541	179.	6697.	718.	6745.	1981.
727.8239	222.	6875.	714.	6820.	1863.
728.1938	201.	6719.	691.	6668.	2065.
728.5636	178.	6858.	693.	6706.	2019.
728.9334	234.	6886.	711.	6526.	1993.
729.3032	230.	6663.	689.	6538.	1958.
729.6730	193.	6814.	720.	6573.	1980.
730.0427	227.	6621.	767.	6446.	1928.
730.4124	189.	6719.	696.	6536.	1947.
730.7821	166.	6744.	717.	6322.	1969.
731.1517	188.	6628.	755.	6452.	1884.
731.5214	186.	6573.	684.	6359.	1942.
731.8910	193.	6653.	713.	6361.	1916.
732.2606	205.	6623.	742.	6482.	1894.
732.6301	225.	6685.	680.	6309.	1968.
732.9997	204.	6519.	744.	6369.	1965.
733.3692	236.	6535.	730.	6244.	1962.
733.7387	249.	6708.	700.	6233.	1838.
734.1082	213.	6527.	705.	6110.	2008.

734.4776	230.	6391.	754.	6400.	2000.
734.8470	193.	6393.	718.	6105.	1942.
735.2164	214.	6406.	710.	6068.	2033.
735.5858	229.	6418.	702.	6073.	1901.
735.9551	245.	6412.	687.	6183.	1840.
736.3245	209.	6318.	703.	6108.	1971.
736.6938	222.	6316.	679.	6240.	1918.
737.0630	201.	6244.	687.	5971.	1927.
737.4323	182.	6289.	694.	6009.	1921.
737.8015	234.	6300.	726.	6020.	1957.
738.1707	229.	6333.	717.	6004.	1964.
738.5399	200.	6345.	694.	6142.	1956.
738.9091	190.	6086.	728.	5862.	1981.
739.2782	199.	6060.	667.	5884.	1965.
739.6473	176.	6305.	735.	5888.	1942.
740.0164	215.	6291.	712.	5858.	1963.
740.3854	187.	6009.	702.	5704.	1919.
740.7545	178.	6082.	657.	5926.	2014.
741.1235	201.	6145.	700.	5777.	2027.
741.4925	226.	6076.	696.	5747.	1961.
741.8614	230.	5910.	703.	5719.	1934.
742.2304	190.	5828.	731.	5752.	1933.
742.5993	190.	6020.	717.	5715.	1925.
742.9682	214.	5672.	710.	5664.	1927.
743.3371	190.	5794.	646.	5616.	2016.
743.7059	245.	5770.	677.	5797.	1936.
744.0747	217.	5899.	704.	5547.	1950.
744.4435	200.	5754.	725.	5857.	1927.

744.8123	190.	5854.	703.	5642.	1870.
745.1810	226.	5895.	753.	5588.	1899.
745.5498	196.	5883.	675.	5528.	1927.
745.9185	231.	5716.	668.	5713.	1942.
746.2871	207.	5879.	694.	5744.	1877.
746.6558	226.	5781.	646.	5546.	1853.
747.0244	221.	5910.	635.	5443.	1979.
747.3930	234.	5660.	653.	5691.	1947.
747.7616	207.	5875.	672.	5748.	1942.
748.1302	211.	5786.	739.	5701.	1912.
748.4987	210.	5724.	694.	5528.	1942.
748.8672	195.	5644.	714.	5581.	1906.
749.2357	213.	5773.	742.	5574.	2021.
749.6041	193.	5888.	708.	5543.	1978.
749.9726	195.	5629.	713.	5538.	1932.
750.3410	211.	5652.	713.	5370.	1857.
750.7094	226.	5604.	744.	5592.	1974.
751.0777	214.	5540.	680.	5488.	1926.
751.4461	237.	5685.	742.	5457.	1938.
751.8144	251.	5461.	662.	5567.	1952.
752.1827	227.	5577.	690.	5443.	1844.
752.5510	235.	5512.	727.	5462.	1951.
752.9192	216.	5573.	709.	5392.	1918.
753.2874	218.	5332.	703.	5524.	1904.
753.6556	217.	5498.	695.	5439.	1871.
754.0238	200.	5423.	673.	5473.	2018.
754.3919	194.	5416.	681.	5436.	1951.
754.7601	229.	5496.	631.	5501.	1969.

755.1282	248.	5322.	733.	5329.	1949.
755.4962	193.	5432.	699.	5430.	2026.
755.8643	231.	5467.	668.	5407.	1890.
756.2323	185.	5365.	690.	5563.	1919.
756.6003	195.	5379.	729.	5414.	1938.
756.9683	235.	5509.	742.	5465.	2016.
757.3363	241.	5326.	728.	5455.	1826.
757.7042	220.	5245.	758.	5340.	1919.
758.0721	238.	5390.	710.	5234.	2002.
758.4400	203.	5258.	668.	5539.	1905.
758.8078	199.	5220.	705.	5483.	1972.
759.1757	224.	5231.	655.	5500.	1918.
759.5435	240.	5318.	675.	5330.	1970.
759.9113	197.	5262.	747.	5471.	1950.
760.2791	211.	5120.	741.	5299.	1859.
760.6468	206.	5170.	708.	5357.	1878.
761.0145	252.	5082.	687.	5334.	1967.
761.3822	208.	5285.	665.	5398.	1910.
761.7499	197.	5217.	672.	5386.	1941.
762.1175	216.	5258.	692.	5360.	1921.
762.4851	213.	5193.	701.	5454.	1993.
762.8527	209.	5125.	683.	5321.	1949.
763.2203	199.	5080.	702.	5420.	1987.
763.5879	235.	5184.	692.	5345.	1942.
763.9554	213.	5220.	681.	5489.	1953.
764.3229	191.	5186.	658.	5322.	1940.
764.6904	247.	4976.	676.	5394.	2001.
765.0578	193.	5133.	722.	5308.	1934.

765.4253	213.	5003.	710.	5284.	1963.
765.7927	203.	4992.	687.	5456.	2051.
766.1600	216.	5022.	717.	5370.	2061.
766.5274	252.	5006.	676.	5434.	1971.
766.8947	195.	5008.	675.	5364.	1890.
767.2620	243.	4971.	675.	5281.	1951.
767.6293	205.	4926.	702.	5481.	1903.
767.9966	249.	4766.	672.	5384.	1897.
768.3638	241.	4992.	669.	5427.	1878.
768.7311	235.	5055.	740.	5484.	1977.
769.0982	219.	4965.	664.	5486.	1991.
769.4654	206.	4952.	690.	5485.	1930.
769.8326	209.	4976.	655.	5412.	1974.
770.1997	261.	4834.	700.	5362.	1942.
770.5668	236.	4909.	665.	5433.	1930.
770.9338	213.	4837.	677.	5505.	1983.
771.3009	228.	4888.	688.	5374.	2039.
771.6679	233.	4884.	679.	5414.	1980.
772.0349	224.	4903.	661.	5471.	1956.
772.4019	207.	4827.	707.	5454.	1944.
772.7688	221.	4744.	675.	5589.	1995.
773.1358	233.	4982.	684.	5303.	1913.
773.5027	206.	4805.	707.	5588.	1942.
773.8696	206.	4790.	706.	5453.	1936.
774.2364	203.	4845.	692.	5569.	1983.
774.6032	213.	4775.	628.	5444.	1955.
774.9701	229.	4717.	716.	5370.	1960.
775.3368	211.	4804.	667.	5546.	1961.

775.7036	212.	4944.	669.	5547.	1973.
776.0703	254.	4825.	665.	5579.	1993.
776.4371	212.	4719.	703.	5379.	1974.
776.8037	214.	4723.	708.	5458.	1936.
777.1704	246.	4704.	648.	5515.	2009.
777.5371	226.	4631.	641.	5517.	2035.
777.9037	204.	4707.	740.	5474.	2048.
778.2703	240.	4736.	704.	5561.	1844.
778.6368	217.	4636.	643.	5605.	1901.
779.0034	205.	4659.	660.	5538.	1949.
779.3699	238.	4678.	711.	5658.	1933.
779.7364	198.	4593.	666.	5597.	1965.
780.1029	239.	4586.	657.	5569.	1960.
780.4693	208.	4560.	672.	5530.	1929.
780.8358	222.	4620.	677.	5576.	1879.
781.2022	243.	4676.	648.	5710.	1926.
781.5685	218.	4635.	709.	5501.	1913.
781.9349	233.	4568.	660.	5550.	1961.
782.3012	205.	4524.	706.	5597.	1929.
782.6675	244.	4591.	659.	5694.	1905.
783.0338	191.	4655.	680.	5670.	1943.
783.4001	192.	4522.	677.	5655.	1971.
783.7663	225.	4506.	661.	5565.	1915.
784.1325	206.	4502.	702.	5719.	1953.
784.4987	202.	4497.	653.	5526.	1930.
784.8649	233.	4548.	632.	5697.	1905.
785.2310	222.	4537.	703.	5634.	1896.
785.5972	205.	4378.	647.	5672.	1988.

785.9632	200.	4528.	664.	5681.	1982.
786.3293	266.	4427.	679.	5800.	1962.
786.6954	235.	4444.	605.	5672.	1914.
787.0614	236.	4533.	691.	5771.	1966.
787.4274	212.	4423.	667.	5655.	1956.
787.7934	201.	4431.	677.	5824.	2009.
788.1593	225.	4368.	679.	5606.	1930.
788.5252	211.	4488.	658.	5679.	1947.
788.8911	217.	4428.	682.	5693.	1975.
789.2570	230.	4416.	699.	5676.	1991.
789.6229	206.	4527.	656.	5668.	2031.
789.9887	211.	4354.	659.	5796.	2004.
790.3545	232.	4472.	666.	5742.	2035.
790.7203	211.	4472.	657.	5653.	1917.
791.0861	210.	4506.	666.	5834.	1939.
791.4518	175.	4196.	614.	5782.	1941.
791.8175	215.	4335.	685.	5817.	1884.
792.1832	231.	4474.	697.	5661.	1962.
792.5489	237.	4338.	688.	5657.	1967.
792.9145	259.	4392.	635.	5770.	1943.
793.2801	228.	4332.	610.	5646.	1990.
793.6457	222.	4336.	659.	5657.	1975.
794.0113	229.	4434.	657.	5651.	1903.
794.3768	208.	4307.	659.	5835.	1930.
794.7424	206.	4315.	637.	5778.	1875.
795.1079	207.	4422.	650.	5673.	1941.
795.4733	211.	4307.	614.	5702.	1919.
795.8388	229.	4403.	627.	5592.	1922.

796.2042	225.	4279.	665.	5726.	1892.
796.5696	218.	4260.	620.	5579.	1969.
796.9350	258.	4238.	636.	5727.	1980.
797.3003	233.	4343.	656.	5569.	1889.
797.6657	241.	4337.	653.	5658.	1923.
798.0310	229.	4170.	659.	5571.	2069.
798.3963	204.	4280.	683.	5697.	1976.
798.7615	182.	4262.	694.	5659.	1935.
799.1268	219.	4211.	684.	5727.	2025.
799.4920	221.	4225.	633.	5751.	1968.
799.8572	249.	4287.	661.	5674.	1995.
800.2223	203.	4218.	618.	5636.	1979.
800.5875	211.	4265.	654.	5654.	1939.
800.9526	210.	4217.	642.	5699.	1983.
801.3177	218.	4111.	610.	5652.	1921.
801.6828	255.	4251.	659.	5426.	1961.
802.0478	199.	4208.	727.	5736.	1965.
802.4128	230.	4170.	650.	5462.	1925.
802.7778	233.	4152.	604.	5551.	1977.
803.1428	198.	4255.	643.	5648.	1973.
803.5078	245.	4205.	675.	5445.	1922.
803.8727	242.	4268.	665.	5591.	1935.
804.2376	216.	4113.	661.	5346.	1939.
804.6025	215.	4141.	660.	5605.	1860.
804.9673	199.	4247.	664.	5488.	1957.
805.3322	204.	4286.	684.	5488.	1938.
805.6970	220.	4060.	605.	5602.	1986.
806.0618	206.	4054.	633.	5422.	1958.

806.4265	195.	4060.	619.	5398.	1933.
806.7913	187.	4097.	606.	5473.	1954.
807.1560	226.	4064.	648.	5400.	1933.
807.5207	206.	4196.	704.	5337.	1854.
807.8853	205.	4007.	620.	5365.	1970.
808.2500	186.	4095.	615.	5403.	1837.
808.6146	236.	4023.	632.	5285.	1901.
808.9792	207.	4019.	658.	5451.	1916.
809.3438	218.	4023.	643.	5493.	1938.
809.7083	199.	4105.	641.	5301.	1935.
810.0728	244.	3998.	625.	5419.	1940.
810.4373	216.	4109.	651.	5269.	1954.
810.8018	239.	4021.	656.	5365.	1874.
811.1663	234.	4075.	605.	5404.	1923.
811.5307	216.	4023.	633.	5283.	1807.
811.8951	217.	4002.	645.	5246.	1894.
812.2595	203.	4075.	591.	5277.	1939.
812.6238	234.	4075.	583.	5131.	1878.
812.9882	191.	3854.	648.	5171.	1949.
813.3525	197.	3927.	623.	5192.	1888.
813.7168	213.	3963.	616.	5149.	2034.
814.0810	229.	4100.	645.	5339.	2000.
814.4453	242.	3904.	671.	5106.	1858.
814.8095	240.	4043.	623.	5233.	1861.
815.1737	170.	3971.	625.	5269.	1913.
815.5379	226.	4077.	621.	5205.	1986.
815.9020	227.	4007.	679.	5216.	1962.
816.2661	195.	3900.	615.	5017.	1945.

816.6302	229.	4046.	634.	5065.	1917.
816.9943	218.	3914.	643.	4790.	1857.
817.3583	184.	4013.	625.	4902.	1853.
817.7224	180.	3853.	646.	4926.	1912.
818.0864	204.	3990.	594.	4982.	1983.
818.4504	229.	3951.	653.	5059.	1895.
818.8143	226.	3986.	618.	5005.	1953.
819.1782	197.	3907.	641.	4913.	1807.
819.5422	201.	4050.	629.	4819.	1976.
819.9060	207.	3956.	628.	4906.	1845.
820.2699	193.	3847.	604.	4861.	1864.
820.6337	187.	3796.	619.	4797.	1871.
820.9975	191.	3940.	608.	4868.	1836.
821.3613	211.	3878.	620.	4845.	1895.
821.7251	181.	3848.	599.	4809.	1936.
822.0888	218.	3874.	601.	4785.	1933.
822.4526	188.	3803.	638.	4778.	1918.
822.8163	212.	3763.	603.	4922.	1851.
823.1799	219.	3886.	646.	4797.	1887.
823.5436	206.	3895.	611.	4895.	1904.
823.9072	206.	3872.	620.	4742.	1938.
824.2708	205.	4000.	585.	4725.	1840.
824.6344	244.	3809.	584.	4754.	1948.
824.9979	204.	3932.	622.	4806.	1943.
825.3615	204.	4029.	620.	4638.	1879.
825.7250	172.	3900.	631.	4819.	1814.
826.0884	191.	3926.	653.	4752.	1968.
826.4519	212.	3882.	689.	4697.	1928.

826.8153	193.	3888.	602.	4734.	1891.
827.1787	221.	3896.	620.	4573.	1903.
827.5421	202.	3888.	626.	4764.	1840.
827.9055	204.	3753.	615.	4713.	1856.
828.2688	213.	3906.	601.	4682.	1921.
828.6322	217.	3858.	609.	4694.	1880.
828.9954	192.	3790.	638.	4643.	1895.
829.3587	198.	3811.	613.	4772.	1870.
829.7220	187.	3810.	582.	4609.	1888.
830.0852	213.	3773.	644.	4579.	1972.
830.4484	221.	3847.	638.	4590.	1870.
830.8116	192.	3690.	616.	4614.	1934.
831.1747	212.	3919.	606.	4579.	1873.
831.5378	199.	3731.	572.	4680.	1930.
831.9009	211.	3853.	653.	4588.	1896.
832.2640	182.	3822.	607.	4599.	1949.
832.6271	191.	3872.	566.	4447.	1847.
832.9901	181.	3731.	613.	4538.	1853.
833.3531	218.	3784.	659.	4621.	1840.
833.7161	216.	3664.	607.	4620.	1896.
834.0791	195.	3850.	619.	4557.	1867.
834.4420	199.	3751.	601.	4419.	1957.
834.8049	196.	3809.	601.	4395.	1947.
835.1678	189.	3769.	590.	4449.	1905.
835.5307	212.	3737.	592.	4464.	1943.
835.8935	191.	3686.	598.	4498.	1915.
836.2563	169.	3678.	576.	4509.	1919.
836.6191	221.	3779.	634.	4308.	1928.

836.9819	188.	3725.	638.	4418.	1894.
837.3447	189.	3694.	600.	4286.	1851.
837.7074	187.	3659.	619.	4474.	1971.
838.0701	206.	3536.	633.	4446.	1883.
838.4328	217.	3589.	547.	4330.	1932.
838.7954	166.	3558.	597.	4513.	1872.
839.1580	210.	3607.	583.	4420.	1853.
839.5206	213.	3634.	601.	4480.	1876.
839.8832	187.	3667.	594.	4276.	1887.
840.2458	198.	3692.	615.	4231.	1919.
840.6083	213.	3643.	571.	4225.	1850.
840.9708	176.	3679.	605.	4374.	1809.
841.3333	208.	3726.	624.	4329.	1903.
841.6958	202.	3488.	572.	4394.	1904.
842.0582	219.	3544.	620.	4141.	1916.
842.4207	185.	3655.	605.	4249.	1918.
842.7831	189.	3548.	618.	4263.	1903.
843.1454	172.	3548.	570.	4238.	1833.
843.5078	191.	3627.	645.	4318.	1882.
843.8701	201.	3583.	593.	4209.	1828.
844.2324	185.	3664.	570.	4171.	1946.
844.5947	188.	3510.	576.	4361.	1971.
844.9569	212.	3512.	620.	4222.	1816.
845.3192	225.	3478.	614.	4229.	1885.
845.6814	209.	3447.	564.	4183.	1870.
846.0435	183.	3504.	599.	4263.	1835.
846.4057	206.	3484.	632.	4318.	1864.
846.7678	181.	3590.	659.	4201.	1910.

847.1299	209.	3590.	616.	4177.	1945.
847.4920	178.	3567.	561.	4243.	1787.
847.8541	217.	3567.	630.	4130.	1877.
848.2161	182.	3445.	574.	4195.	1862.
848.5782	173.	3538.	631.	4136.	1891.
848.9402	193.	3492.	603.	4129.	1880.
849.3021	162.	3464.	557.	4041.	1917.
849.6641	180.	3403.	613.	4231.	1944.
850.0260	214.	3413.	609.	4068.	1933.
850.3879	173.	3442.	612.	4214.	1893.
850.7498	198.	3423.	587.	4165.	1944.
851.1116	207.	3344.	593.	4088.	1933.
851.4734	168.	3414.	528.	4071.	1893.
851.8353	188.	3273.	609.	4087.	1940.
852.1970	178.	3390.	632.	4167.	1939.
852.5588	169.	3381.	617.	3984.	1833.
852.9205	195.	3368.	580.	3895.	1973.
853.2822	195.	3348.	656.	3963.	1899.
853.6439	203.	3221.	602.	4190.	1923.
854.0056	180.	3521.	631.	3942.	1899.
854.3672	180.	3291.	582.	4194.	1922.
854.7288	201.	3385.	580.	3945.	1949.
855.0904	183.	3291.	555.	3874.	1946.
855.4520	198.	3219.	620.	4050.	1881.
855.8136	197.	3297.	649.	4016.	1929.
856.1751	162.	3284.	572.	3966.	1916.
856.5366	199.	3345.	582.	3938.	1877.
856.8981	172.	3320.	618.	4099.	1859.

857.2595	210.	3259.	609.	3953.	1928.
857.6209	194.	3248.	617.	3929.	1985.
857.9823	191.	3192.	646.	3972.	1943.
858.3437	176.	3282.	588.	4096.	1880.
858.7051	205.	3266.	583.	3842.	1890.
859.0664	175.	3239.	575.	3913.	1812.
859.4277	191.	3178.	581.	4037.	1921.
859.7890	201.	3148.	584.	3886.	1864.
860.1503	168.	3149.	587.	3931.	1913.
860.5115	181.	3201.	618.	3898.	1914.
860.8727	224.	3198.	644.	3917.	1951.
861.2339	204.	3176.	588.	3828.	1891.
861.5951	183.	3157.	557.	3791.	1913.
861.9562	191.	3090.	598.	4052.	1815.
862.3174	183.	3057.	587.	3798.	1897.
862.6785	165.	3164.	610.	3874.	1921.
863.0395	165.	3092.	574.	3871.	1929.
863.4006	196.	3188.	634.	3778.	1917.
863.7616	195.	3248.	608.	3894.	1882.
864.1226	189.	3095.	572.	3791.	1856.
864.4836	191.	3096.	571.	3852.	1849.
864.8446	169.	3068.	613.	3743.	1904.
865.2055	162.	3096.	596.	3791.	1876.
865.5664	164.	3056.	579.	3678.	1960.
865.9273	187.	3106.	599.	3795.	1893.
866.2882	162.	3110.	588.	3745.	1910.
866.6490	194.	3093.	672.	3727.	1892.
867.0098	141.	3046.	605.	3852.	1948.

867.3706	170.	3078.	549.	3757.	1953.
867.7314	166.	3107.	608.	3804.	1854.
868.0921	206.	3136.	612.	3792.	1839.
868.4528	166.	3083.	621.	3696.	1926.
868.8135	190.	3049.	543.	3710.	1857.
869.1742	173.	3115.	579.	3642.	1904.
869.5349	183.	3099.	589.	3720.	1839.
869.8955	188.	2960.	608.	3619.	1848.
870.2561	181.	2964.	555.	3745.	1905.
870.6167	182.	2875.	600.	3647.	1842.
870.9772	159.	2976.	526.	3685.	1935.
871.3378	172.	3013.	528.	3739.	1793.
871.6983	191.	3074.	545.	3678.	1842.
872.0588	184.	2977.	646.	3571.	1901.
872.4192	161.	2940.	544.	3652.	1873.
872.7797	200.	3094.	578.	3620.	1877.
873.1401	165.	2963.	549.	3665.	1851.
873.5005	170.	2999.	618.	3531.	1881.
873.8609	150.	2955.	586.	3618.	1909.
874.2212	159.	3009.	600.	3646.	1850.
874.5815	178.	3000.	520.	3526.	1931.
874.9418	168.	2941.	604.	3569.	1767.
875.3021	179.	2966.	621.	3538.	1964.
875.6624	187.	2971.	585.	3659.	1911.
876.0226	162.	2936.	568.	3561.	1863.
876.3828	173.	2915.	629.	3660.	1931.
876.7430	175.	2903.	575.	3481.	1858.
877.1031	200.	3031.	543.	3506.	1911.

877.4633	158.	2914.	574.	3458.	1812.
877.8234	168.	2888.	606.	3479.	1925.
878.1835	165.	2876.	562.	3534.	1980.
878.5435	158.	2954.	582.	3461.	1799.
878.9036	150.	2849.	608.	3540.	1867.
879.2636	151.	2835.	559.	3520.	1861.
879.6236	166.	2870.	608.	3484.	1857.
879.9836	175.	2763.	616.	3530.	1743.
880.3435	167.	2853.	568.	3479.	1857.
880.7034	158.	2824.	538.	3409.	1743.
881.0633	184.	2841.	579.	3476.	1857.
881.4232	165.	2923.	569.	3383.	1743.
881.7831	179.	2879.	617.	3456.	1857.
882.1429	161.	2842.	557.	3451.	1857.
882.5027	180.	2897.	563.	3452.	1743.
882.8625	148.	2933.	573.	3422.	1857.
883.2223	163.	2869.	571.	3375.	1852.
883.5820	139.	2846.	552.	3348.	1900.
883.9417	143.	2865.	634.	3420.	1919.
884.3014	160.	2836.	555.	3304.	1953.
884.6611	195.	2869.	541.	3380.	1841.
885.0207	148.	2948.	550.	3428.	1875.
885.3803	156.	2690.	573.	3394.	1905.
885.7399	154.	2834.	539.	3455.	1864.
886.0995	155.	2695.	556.	3177.	1903.
886.4590	159.	2739.	533.	3274.	1902.
886.8186	167.	2939.	597.	3504.	1792.
887.1781	170.	2824.	584.	3320.	1863.

887.5376	158.	2773.	565.	3277.	1855.
887.8970	171.	2773.	545.	3307.	1843.
888.2564	166.	2812.	551.	3336.	1907.
888.6159	148.	2744.	564.	3361.	1916.
888.9752	182.	2765.	582.	3388.	1898.
889.3346	183.	2853.	552.	3339.	1876.
889.6939	141.	2771.	548.	3302.	1735.
890.0533	161.	2742.	554.	3258.	1899.
890.4125	161.	2810.	529.	3218.	1984.
890.7718	145.	2809.	570.	3308.	1905.
891.1311	164.	2623.	566.	3229.	1879.
891.4903	151.	2728.	602.	3145.	1861.
891.8495	167.	2595.	571.	3286.	1853.
892.2087	165.	2707.	559.	3273.	1822.
892.5678	177.	2691.	539.	3391.	1884.
892.9269	162.	2730.	579.	3222.	1871.
893.2860	148.	2848.	624.	3228.	1873.
893.6451	174.	2719.	549.	3245.	1859.
894.0042	162.	2709.	557.	3207.	1940.
894.3632	156.	2658.	559.	3232.	1806.
894.7222	180.	2685.	560.	3217.	1851.
895.0812	149.	2623.	590.	3197.	1830.
895.4402	148.	2689.	584.	3116.	1855.
895.7991	166.	2621.	597.	3243.	1856.
896.1580	154.	2650.	556.	3111.	1847.
896.5169	158.	2609.	589.	3146.	1883.
896.8758	173.	2738.	578.	3166.	1869.
897.2347	160.	2671.	563.	3254.	1812.

897.5935	148.	2624.	523.	3085.	1806.
897.9523	149.	2704.	580.	3210.	1856.
898.3111	172.	2718.	572.	3159.	1798.
898.6698	178.	2641.	514.	3197.	1793.
899.0285	146.	2665.	557.	3282.	1896.
899.3872	170.	2608.	548.	3197.	1925.
899.7459	157.	2659.	548.	3154.	1859.
900.1046	184.	2611.	576.	3179.	1892.
900.4632	165.	2583.	567.	3198.	1897.
900.8218	139.	2559.	571.	3089.	1847.
901.1804	164.	2604.	532.	3120.	1891.
901.5390	144.	2618.	543.	3005.	1767.
901.8975	147.	2608.	570.	3080.	1844.
902.2561	135.	2457.	563.	3243.	1855.
902.6146	127.	2571.	586.	3190.	1830.
902.9730	163.	2581.	594.	3131.	1774.
903.3315	152.	2686.	526.	3127.	1926.
903.6899	139.	2489.	565.	3182.	1896.
904.0483	150.	2594.	546.	3216.	1870.
904.4067	118.	2670.	537.	3155.	1844.
904.7651	148.	2601.	557.	3141.	1838.
905.1234	152.	2594.	555.	3221.	1937.
905.4817	127.	2622.	524.	3165.	1823.
905.8400	152.	2579.	553.	3098.	1892.
906.1982	139.	2485.	589.	3034.	1861.
906.5565	146.	2563.	590.	3110.	1919.
906.9147	133.	2530.	583.	3091.	1899.
907.2729	156.	2510.	530.	2969.	1810.

907.6311	144.	2584.	537.	2995.	1836.
907.9892	144.	2562.	586.	3197.	1813.
908.3473	154.	2517.	528.	3052.	1879.
908.7054	146.	2562.	573.	3080.	1791.
909.0635	134.	2478.	538.	3142.	1912.
909.4216	137.	2542.	582.	2960.	1880.
909.7796	140.	2547.	542.	3026.	1870.
910.1376	158.	2521.	536.	3053.	1784.
910.4956	125.	2404.	541.	2952.	1888.
910.8535	142.	2498.	509.	2977.	1783.
911.2115	139.	2517.	512.	2932.	1805.
911.5694	130.	2396.	520.	3051.	1808.
911.9273	129.	2559.	598.	2977.	1855.
912.2852	173.	2438.	581.	2953.	1807.
912.6430	140.	2388.	517.	3010.	1899.
913.0008	125.	2491.	525.	3005.	1830.
913.3586	121.	2578.	574.	3036.	1850.
913.7164	139.	2454.	532.	3012.	1826.
914.0741	160.	2459.	512.	2903.	1867.
914.4319	151.	2467.	569.	2833.	1842.
914.7896	146.	2453.	582.	3003.	1802.
915.1472	119.	2513.	517.	2881.	1951.
915.5049	144.	2437.	588.	2975.	1754.
915.8625	143.	2494.	586.	2844.	1884.
916.2201	129.	2572.	575.	2895.	1714.
916.5777	134.	2395.	547.	2836.	1870.
916.9353	108.	2489.	548.	2797.	1877.
917.2928	120.	2522.	546.	2936.	1888.

917.6504	162.	2359.	554.	2940.	1831.
918.0079	158.	2455.	518.	2833.	1812.
918.3653	130.	2409.	521.	3000.	1856.
918.7228	161.	2541.	537.	2947.	1959.
919.0802	161.	2379.	521.	2860.	1828.
919.4376	147.	2430.	538.	2891.	1883.
919.7950	133.	2460.	489.	2963.	1895.
920.1523	141.	2404.	530.	2839.	1803.
920.5097	151.	2435.	568.	2953.	1850.
920.8670	115.	2429.	532.	2807.	1830.
921.2242	134.	2361.	504.	2768.	1890.
921.5815	138.	2408.	560.	2817.	1790.
921.9387	148.	2516.	532.	2843.	1820.
922.2960	154.	2483.	517.	2779.	1885.
922.6532	142.	2459.	530.	2837.	1831.
923.0103	125.	2402.	524.	2835.	1807.
923.3675	142.	2396.	584.	2838.	1899.
923.7246	148.	2451.	558.	2799.	1914.
924.0817	161.	2385.	544.	2837.	1898.
924.4388	146.	2431.	527.	2735.	1808.
924.7958	151.	2350.	493.	2688.	1847.
925.1528	142.	2341.	554.	2771.	1857.
925.5098	136.	2292.	504.	2728.	1860.
925.8668	137.	2402.	521.	2824.	1866.
926.2238	126.	2345.	508.	2698.	1723.
926.5807	66.	2314.	561.	2214.	1860.
926.9376	160.	2360.	538.	2745.	1866.
927.2945	141.	2363.	480.	2673.	1723.

927.6514	146.	2338.	564.	2625.	1752.
928.0082	108.	2240.	569.	2710.	1829.
928.3650	136.	2357.	535.	2669.	1870.
928.7218	133.	2293.	578.	2647.	1923.
929.0786	128.	2307.	569.	2606.	1804.
929.4354	143.	2380.	543.	2563.	1821.
929.7921	118.	2274.	571.	2739.	1770.
930.1488	121.	2352.	554.	2654.	1849.
930.5055	126.	2329.	552.	2637.	1775.
930.8621	137.	2347.	501.	2658.	1879.
931.2188	111.	2326.	519.	2622.	1835.
931.5754	150.	2341.	522.	2548.	1834.
931.9319	125.	2323.	515.	2701.	1870.
932.2885	141.	2411.	561.	2601.	1846.
932.6451	125.	2389.	540.	2672.	1856.
933.0016	156.	2349.	528.	2534.	1948.
933.3581	122.	2243.	545.	2633.	1868.
933.7145	133.	2344.	544.	2709.	1787.
934.0710	128.	2253.	564.	2574.	1904.
934.4274	134.	2308.	575.	2500.	1898.
934.7838	123.	2285.	508.	2612.	1813.
935.1402	115.	2362.	526.	2589.	1804.
935.4965	119.	2284.	509.	2626.	1843.
935.8529	126.	2342.	526.	2497.	1895.
936.2092	148.	2326.	532.	2492.	1838.
936.5655	135.	2285.	567.	2416.	1800.
936.9217	145.	2344.	516.	2574.	1852.
937.2780	141.	2340.	532.	2521.	1822.

937.6342	142.	2265.	543.	2480.	1846.
937.9904	87.	2265.	499.	2442.	1900.
938.3465	120.	2269.	503.	2534.	1905.
938.7027	117.	2352.	544.	2454.	1876.
939.0588	92.	2284.	524.	2496.	1850.
939.4149	119.	2265.	508.	2446.	1872.
939.7710	111.	2291.	516.	2385.	1827.
940.1270	140.	2161.	538.	2395.	1799.
940.4830	145.	2339.	551.	2520.	1901.
940.8391	128.	2271.	511.	2334.	1840.
941.1950	150.	2184.	530.	2443.	1830.
941.5510	135.	2260.	525.	2449.	1816.
941.9069	113.	2294.	490.	2429.	1849.
942.2628	114.	2226.	541.	2382.	1849.
942.6187	107.	2198.	542.	2416.	1905.
942.9746	128.	2285.	498.	2346.	1871.
943.3304	120.	2208.	513.	2444.	1798.
943.6863	117.	2243.	581.	2413.	1874.
944.0421	152.	2236.	500.	2352.	1922.
944.3978	146.	2317.	531.	2397.	1849.
944.7536	99.	2217.	495.	2427.	1905.
945.1093	129.	2272.	547.	2363.	1882.
945.4650	117.	2267.	581.	2316.	1798.
945.8207	96.	2241.	515.	2438.	1761.
946.1764	114.	2172.	490.	2387.	1898.
946.5320	123.	2188.	522.	2349.	1837.
946.8876	121.	2206.	513.	2288.	1882.
947.2432	120.	2250.	550.	2317.	1890.

947.5988	134.	2216.	550.	2333.	1825.
947.9543	98.	2236.	528.	2261.	1882.
948.3098	124.	2233.	548.	2330.	1893.
948.6653	130.	2196.	530.	2355.	1884.
949.0208	110.	2183.	512.	2235.	1904.
949.3762	102.	2228.	503.	2199.	1810.
949.7317	132.	2172.	516.	2428.	1870.
950.0871	120.	2157.	540.	2280.	1898.
950.4424	122.	2168.	529.	2249.	1891.
950.7978	113.	2289.	533.	2271.	1840.
951.1531	141.	2193.	566.	2280.	1836.
951.5084	114.	2279.	529.	2296.	1842.
951.8637	124.	2181.	508.	2322.	1850.
952.2190	100.	2238.	554.	2260.	1850.
952.5742	135.	2188.	542.	2340.	1878.
952.9294	98.	2157.	549.	2248.	1820.
953.2846	119.	2243.	506.	2262.	1837.
953.6398	111.	2117.	507.	2255.	1776.
953.9950	143.	2094.	524.	2251.	1857.
954.3501	100.	2173.	550.	2130.	1877.
954.7052	106.	2186.	543.	2158.	1931.
955.0603	92.	2159.	529.	2211.	1857.
955.4153	118.	2126.	537.	2201.	1878.
955.7703	114.	2121.	523.	2174.	1867.
956.1254	91.	2192.	511.	2195.	1856.
956.4803	131.	2053.	515.	2080.	1985.
956.8353	111.	2152.	525.	2153.	1864.
957.1902	109.	2151.	514.	2203.	1908.

957.5452	106.	2184.	500.	2129.	1883.
957.9001	103.	2143.	534.	2073.	1853.
958.2549	95.	2195.	531.	2057.	1936.
958.6098	131.	2135.	523.	2184.	1893.
958.9646	110.	2167.	569.	2129.	1937.
959.3194	124.	2062.	524.	2041.	1838.
959.6742	123.	2141.	499.	2083.	1847.
960.0289	147.	2112.	501.	2172.	1962.
960.3837	126.	2015.	504.	2154.	1985.
960.7384	105.	2165.	495.	2192.	1841.
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961.4477	89.	2119.	500.	2127.	1843.
961.8024	101.	2136.	517.	2033.	1829.
962.1570	113.	2095.	536.	2045.	1884.
962.5116	124.	2071.	537.	2182.	1849.
962.8661	125.	2122.	526.	2105.	1956.
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963.5752	113.	2045.	543.	1997.	1883.
963.9297	110.	1988.	539.	2114.	1927.
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964.6386	131.	2032.	551.	2035.	1822.
964.9931	127.	2087.	505.	2067.	1918.
965.3475	120.	2037.	532.	2135.	1821.
965.7019	101.	2048.	572.	1987.	1921.
966.0562	101.	2087.	565.	2091.	1977.
966.4106	119.	2070.	559.	2025.	1914.
966.7649	118.	2085.	564.	1948.	1905.
967.1192	120.	2099.	543.	2015.	1896.

967.4734	110.	1963.	540.	2088.	1929.
967.8277	129.	2052.	475.	2095.	1950.
968.1819	112.	2037.	556.	2009.	1851.
968.5361	113.	2084.	504.	2025.	1858.
968.8903	129.	2066.	547.	1985.	1907.
969.2444	102.	2070.	543.	2004.	1887.
969.5986	123.	2128.	512.	2015.	1883.
969.9527	100.	2068.	516.	2027.	1851.
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970.6608	53.	1833.	561.	1768.	1685.
971.0148	132.	2078.	563.	1949.	1909.
971.3689	128.	2044.	551.	1942.	1980.
971.7229	100.	1960.	509.	2011.	1898.
972.0768	99.	2057.	576.	1942.	1987.
972.4308	105.	2086.	520.	1988.	1914.
972.7847	108.	1972.	495.	1974.	1952.
973.1386	113.	1998.	516.	1895.	1769.
973.4925	105.	2006.	579.	1898.	1876.
973.8463	108.	1959.	540.	1944.	1920.
974.2001	106.	2109.	492.	1919.	1902.
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974.9077	113.	2057.	534.	1929.	2026.
975.2615	126.	2022.	531.	1897.	1966.
975.6152	132.	1883.	529.	2018.	1979.
975.9690	126.	2017.	498.	1892.	2046.
976.3226	103.	2009.	548.	1924.	1894.
976.6763	122.	2019.	522.	1869.	1933.
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977.3836	102.	2055.	535.	1862.	1954.
977.7372	128.	1950.	494.	1862.	1911.
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979.8583	90.	1972.	487.	1863.	1980.
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981.2719	117.	1947.	556.	1833.	1930.
981.6253	119.	1976.	563.	1865.	1944.
981.9786	103.	1908.	520.	1787.	1933.
982.3319	102.	2038.	546.	1809.	2005.
982.6852	119.	1907.	529.	1905.	1979.
983.0384	115.	1901.	540.	1916.	1982.
983.3916	112.	2024.	494.	1773.	1900.
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984.8043	139.	1993.	524.	1771.	1932.
985.1574	146.	1906.	536.	1844.	1903.
985.5105	98.	1984.	556.	1863.	1928.
985.8636	103.	1888.	503.	1802.	1869.
986.2167	128.	1957.	539.	1799.	1995.
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986.9227	144.	1872.	554.	1822.	1853.

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991.1569	107.	1903.	539.	1729.	1950.
991.5096	127.	1831.	501.	1821.	1954.
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997.1497	137.	1815.	546.	1824.	1967.
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1177.2570	151.	1776.	1216.	2975.	2378.
1177.6160	135.	1743.	1189.	3001.	2303.

1177.9760	125.	1789.	1131.	2956.	2291.
1178.3350	140.	1662.	1178.	2925.	2245.
1178.6940	150.	1757.	1179.	2970.	2299.
1179.0530	160.	1801.	1134.	3021.	2177.
1179.4130	140.	1759.	1090.	2861.	2245.
1179.7720	123.	1786.	1089.	2907.	2299.
1180.1310	126.	1819.	1112.	2935.	2149.
1180.4900	126.	1737.	1022.	2997.	2326.
1180.8490	127.	1793.	1127.	2981.	2221.
1181.2080	161.	1747.	1072.	2944.	2186.
1181.5670	150.	1709.	1056.	2979.	2150.
1181.9260	154.	1733.	1076.	3012.	2305.
1182.2850	135.	1810.	985.	3013.	2111.
1182.6440	139.	1783.	1090.	2915.	2174.
1183.0030	127.	1750.	1123.	3053.	2220.
1183.3620	144.	1845.	1094.	2838.	2182.
1183.7210	144.	1715.	1071.	2991.	2180.
1184.0800	122.	1760.	1142.	2890.	2114.
1184.4390	149.	1771.	1040.	3019.	2217.
1184.7980	150.	1787.	1085.	2826.	2155.
1185.1560	136.	1782.	1010.	2962.	2121.
1185.5150	144.	1738.	1056.	2982.	2088.
1185.8740	168.	1757.	1095.	2960.	2174.
1186.2330	158.	1763.	1001.	3013.	2119.
1186.5910	140.	1727.	1029.	2882.	2179.
1186.9500	119.	1836.	1029.	2931.	2104.
1187.3090	154.	1672.	1017.	3031.	2097.
1187.6670	151.	1658.	1089.	3080.	2201.

1188.0260	144.	1747.	1045.	2885.	2125.
1188.3850	171.	1775.	982.	3019.	2128.
1188.7430	162.	1778.	1022.	2874.	2046.
1189.1020	153.	1789.	1006.	2970.	2083.
1189.4600	132.	1768.	1048.	2960.	2042.
1189.8190	154.	1678.	923.	2996.	2058.
1190.1770	151.	1749.	1011.	2908.	2059.
1190.5360	150.	1718.	1015.	2958.	2099.
1190.8940	149.	1840.	968.	2919.	2047.
1191.2530	139.	1750.	954.	2890.	2035.
1191.6110	134.	1731.	1085.	2891.	2007.
1191.9700	144.	1663.	984.	2931.	2144.
1192.3280	144.	1787.	1053.	3000.	2042.
1192.6860	147.	1792.	1025.	2905.	2020.
1193.0450	133.	1815.	1051.	2933.	1978.
1193.4030	148.	1788.	937.	2902.	1962.
1193.7610	128.	1752.	1002.	3010.	2062.
1194.1190	151.	1828.	1040.	2840.	2100.
1194.4780	140.	1748.	1009.	2882.	1988.
1194.8360	152.	1752.	947.	2878.	2014.
1195.1940	134.	1723.	1002.	2897.	2016.
1195.5520	115.	1797.	1024.	3006.	1967.
1195.9100	155.	1762.	1040.	2856.	1955.
1196.2680	144.	1711.	1013.	2757.	2003.
1196.6260	141.	1669.	996.	2879.	1973.
1196.9850	141.	1785.	982.	2890.	1913.
1197.3430	175.	1704.	985.	2915.	2045.
1197.7010	138.	1778.	925.	2850.	1995.

1198.0590	145.	1669.	971.	2940.	1988.
1198.4170	136.	1700.	924.	2854.	2091.
1198.7750	141.	1728.	959.	2735.	2037.
1199.1320	124.	1713.	953.	2882.	1924.
1199.4900	147.	1754.	937.	2872.	1919.
1199.8480	145.	1790.	922.	2931.	2039.
1200.2060	143.	1746.	1019.	2812.	1991.
1200.5640	144.	1718.	965.	2810.	1907.
1200.9220	184.	1714.	956.	2976.	1945.
1201.2800	135.	1677.	1015.	2898.	1949.
1201.6370	119.	1822.	1020.	2856.	1918.
1201.9950	151.	1711.	1015.	2864.	1932.
1202.3530	165.	1761.	969.	2864.	1906.
1202.7100	157.	1716.	954.	2848.	1963.
1203.0680	163.	1715.	969.	2958.	1955.
1203.4260	141.	1796.	898.	2846.	1888.
1203.7830	130.	1745.	948.	2805.	1884.
1204.1410	136.	1675.	994.	2853.	1893.
1204.4990	147.	1770.	962.	2897.	1902.
1204.8560	173.	1640.	940.	2898.	1958.
1205.2140	113.	1734.	977.	2867.	1990.
1205.5710	164.	1622.	925.	2860.	1901.
1205.9290	155.	1750.	911.	2876.	1909.
1206.2860	133.	1758.	993.	2809.	1886.
1206.6440	152.	1656.	952.	2913.	1908.
1207.0010	144.	1768.	899.	2851.	1901.
1207.3580	166.	1749.	921.	2827.	2043.
1207.7160	137.	1754.	967.	2816.	1843.

1208.0730	131.	1726.	933.	2885.	1904.
1208.4310	155.	1771.	921.	2804.	1967.
1208.7880	178.	1736.	890.	2876.	1890.
1209.1450	135.	1761.	972.	2855.	1952.
1209.5020	167.	1747.	936.	2842.	1926.
1209.8600	136.	1751.	890.	2894.	1858.
1210.2170	148.	1695.	890.	2808.	1875.
1210.5740	146.	1785.	941.	2953.	1874.
1210.9310	140.	1820.	902.	2911.	1902.
1211.2880	123.	1734.	881.	2887.	1936.
1211.6450	117.	1691.	920.	2820.	1989.
1212.0030	175.	1668.	881.	2873.	1920.
1212.3600	121.	1609.	912.	2926.	1963.
1212.7170	114.	1648.	889.	2806.	1843.
1213.0740	113.	1670.	885.	2744.	1902.
1213.4310	138.	1692.	826.	2705.	1874.
1213.7880	146.	1627.	869.	2727.	1817.
1214.1450	115.	1632.	838.	2727.	1834.
1214.5020	109.	1701.	817.	2873.	1843.
1214.8590	118.	1699.	770.	2926.	1983.
1215.2160	109.	1624.	776.	2806.	1820.
1215.5720	98.	1654.	762.	2744.	1849.
1215.9290	120.	1687.	761.	2705.	1843.
1216.2860	116.	1641.	822.	2727.	1983.
1216.6430	101.	1698.	781.	2873.	1820.
1217.0000	136.	1678.	792.	2926.	1849.
1217.3560	126.	1627.	854.	2806.	1849.
1217.7130	144.	1581.	872.	2744.	1809.

1218.0700	135.	1729.	923.	2705.	1888.
1218.4270	178.	1797.	896.	2727.	1843.
1218.7830	149.	1705.	914.	2755.	1983.
1219.1400	129.	1736.	938.	2917.	1820.
1219.4970	175.	1831.	919.	2825.	1849.
1219.8530	140.	1781.	850.	2837.	1960.
1220.2100	151.	1712.	898.	2852.	1837.
1220.5660	160.	1728.	854.	2771.	1907.
1220.9230	179.	1777.	936.	2787.	1865.
1221.2790	170.	1704.	888.	2817.	1948.
1221.6360	137.	1721.	875.	2828.	1928.
1221.9920	133.	1757.	912.	2875.	1879.
1222.3490	153.	1763.	854.	2816.	1908.
1222.7050	132.	1766.	829.	2881.	1889.
1223.0620	172.	1698.	885.	2793.	1916.
1223.4180	122.	1662.	977.	2858.	1856.
1223.7740	119.	1716.	974.	2777.	1839.
1224.1310	187.	1720.	904.	2955.	1881.
1224.4870	167.	1743.	913.	2893.	1832.
1224.8430	153.	1753.	877.	2797.	1939.
1225.2000	154.	1709.	931.	2791.	1864.
1225.5560	121.	1804.	953.	2748.	1875.
1225.9120	138.	1756.	892.	2789.	1906.
1226.2680	160.	1724.	899.	2849.	1862.
1226.6240	149.	1748.	871.	2826.	1844.
1226.9810	127.	1760.	933.	2801.	1915.
1227.3370	121.	1691.	888.	2939.	1894.
1227.6930	159.	1767.	925.	2835.	1916.

1228.0490	160.	1708.	886.	2773.	1870.
1228.4050	154.	1711.	847.	2935.	1896.
1228.7610	144.	1695.	900.	2874.	1896.
1229.1170	167.	1740.	957.	2880.	1913.
1229.4730	137.	1688.	901.	2839.	1848.
1229.8290	166.	1672.	849.	2837.	1910.
1230.1850	144.	1692.	796.	2717.	1848.
1230.5410	148.	1693.	872.	2859.	1856.
1230.8970	163.	1709.	866.	2876.	1912.
1231.2530	141.	1679.	923.	2734.	1811.
1231.6080	153.	1747.	878.	2857.	1811.
1231.9640	143.	1688.	903.	2712.	1809.
1232.3200	143.	1719.	874.	2777.	1888.
1232.6760	156.	1687.	887.	2924.	1868.
1233.0320	160.	1720.	928.	2730.	1806.
1233.3870	130.	1722.	933.	2787.	1958.
1233.7430	175.	1712.	840.	2803.	1861.
1234.0990	133.	1731.	895.	2808.	1844.
1234.4540	153.	1669.	907.	2840.	1818.
1234.8100	162.	1719.	885.	2882.	1911.
1235.1660	134.	1736.	853.	2909.	1844.
1235.5210	157.	1690.	895.	2763.	1884.
1235.8770	142.	1704.	853.	2883.	1967.
1236.2320	130.	1720.	842.	2832.	1760.
1236.5880	150.	1705.	810.	2835.	1787.
1236.9440	169.	1725.	878.	2798.	1796.
1237.2990	140.	1702.	868.	2820.	1816.
1237.6550	161.	1666.	851.	2865.	1889.

1238.0100	111.	1750.	873.	2836.	1762.
1238.3650	145.	1768.	916.	2868.	1920.
1238.7210	153.	1676.	851.	2818.	1894.
1239.0760	135.	1709.	920.	2869.	1929.
1239.4320	144.	1713.	845.	2775.	1787.
1239.7870	144.	1758.	809.	2742.	1750.
1240.1420	147.	1763.	869.	2847.	1868.
1240.4970	154.	1689.	891.	2881.	1870.
1240.8530	171.	1748.	852.	2748.	1882.
1241.2080	139.	1703.	910.	2840.	1883.
1241.5630	163.	1704.	856.	2715.	1795.
1241.9180	127.	1685.	883.	2713.	1927.
1242.2740	146.	1745.	896.	2763.	1855.
1242.6290	164.	1683.	913.	2747.	1861.
1242.9840	148.	1756.	842.	2793.	1902.
1243.3390	172.	1748.	840.	2889.	1790.
1243.6940	124.	1757.	865.	2784.	1836.
1244.0490	157.	1683.	845.	2774.	1807.
1244.4040	147.	1631.	847.	2780.	1832.
1244.7590	152.	1709.	783.	2890.	1821.
1245.1140	174.	1626.	868.	2814.	1865.
1245.4690	154.	1714.	840.	2766.	1829.
1245.8240	171.	1683.	831.	2807.	1822.
1246.1790	152.	1687.	871.	2792.	1802.
1246.5340	134.	1728.	900.	2744.	1827.
1246.8890	130.	1689.	814.	2730.	1861.
1247.2440	150.	1715.	845.	2706.	1844.
1247.5990	145.	1639.	869.	2861.	1874.

1247.9530	125.	1643.	866.	2907.	1845.
1248.3080	147.	1722.	812.	2717.	1861.
1248.6630	140.	1652.	835.	2783.	1852.
1249.0180	183.	1664.	863.	2860.	1899.
1249.3720	116.	1655.	783.	2781.	1776.
1249.7270	184.	1736.	835.	2810.	1871.
1250.0820	169.	1698.	861.	2740.	1878.
1250.4360	160.	1608.	872.	2818.	1865.
1250.7910	164.	1683.	767.	2864.	1881.
1251.1460	170.	1693.	834.	2789.	1822.
1251.5000	140.	1706.	782.	2710.	1874.
1251.8550	203.	1666.	831.	2897.	1869.
1252.2090	150.	1755.	922.	2780.	1878.
1252.5640	159.	1686.	896.	2925.	1837.
1252.9180	136.	1757.	794.	2819.	1847.
1253.2730	157.	1697.	851.	2770.	1821.
1253.6270	139.	1702.	855.	2792.	1840.
1253.9820	155.	1675.	841.	2729.	1822.
1254.3360	152.	1679.	832.	2831.	1770.
1254.6900	167.	1723.	823.	2784.	1792.
1255.0450	161.	1742.	870.	2769.	1814.
1255.3990	132.	1690.	902.	2784.	1876.
1255.7540	156.	1714.	875.	2825.	1831.
1256.1080	159.	1684.	866.	2834.	1856.
1256.4620	143.	1740.	829.	2809.	1871.
1256.8160	183.	1705.	872.	2688.	1866.
1257.1710	186.	1665.	841.	2820.	1750.
1257.5250	150.	1673.	845.	2887.	1856.

1257.8790	155.	1767.	831.	2782.	1785.
1258.2330	164.	1704.	861.	2751.	1860.
1258.5870	159.	1693.	900.	2838.	1882.
1258.9410	146.	1654.	832.	2745.	1775.
1259.2950	171.	1643.	840.	2704.	1894.
1259.6490	173.	1621.	806.	2850.	1752.
1260.0040	160.	1778.	852.	2795.	1776.
1260.3580	158.	1709.	829.	2839.	1813.
1260.7120	160.	1613.	821.	2693.	1828.
1261.0660	179.	1747.	862.	2764.	1870.
1261.4200	144.	1714.	779.	2737.	1836.
1261.7730	130.	1628.	831.	2872.	1766.
1262.1270	154.	1715.	881.	2807.	1867.
1262.4810	170.	1742.	847.	2784.	1770.
1262.8350	165.	1678.	862.	2774.	1842.
1263.1890	142.	1690.	867.	2784.	1829.
1263.5430	162.	1684.	816.	2828.	1834.
1263.8970	181.	1689.	783.	2866.	1831.
1264.2500	147.	1709.	866.	2806.	1966.
1264.6040	167.	1715.	831.	2724.	1877.
1264.9580	162.	1687.	865.	2885.	1810.
1265.3120	156.	1750.	790.	2797.	1781.
1265.6650	155.	1675.	851.	2887.	1894.
1266.0190	164.	1661.	759.	2712.	1888.
1266.3730	179.	1695.	842.	2821.	1880.
1266.7260	167.	1743.	891.	2731.	1881.
1267.0800	165.	1724.	811.	2902.	1823.
1267.4330	169.	1716.	834.	2717.	1808.

1267.7870	187.	1722.	838.	2769.	1895.
1268.1400	189.	1695.	872.	2768.	1824.
1268.4940	143.	1664.	829.	2793.	1880.
1268.8470	155.	1710.	833.	2899.	1827.
1269.2010	161.	1691.	871.	2834.	1806.
1269.5540	175.	1696.	817.	2743.	1845.
1269.9080	167.	1677.	836.	2802.	1871.
1270.2610	184.	1705.	835.	2810.	1835.
1270.6140	173.	1665.	821.	2822.	1747.
1270.9680	187.	1699.	817.	2733.	1798.
1271.3210	169.	1644.	811.	2736.	1785.
1271.6740	143.	1696.	849.	2755.	1822.
1272.0280	149.	1686.	803.	2750.	1850.
1272.3810	164.	1655.	781.	2771.	1859.
1272.7340	175.	1675.	812.	2800.	1836.
1273.0870	201.	1731.	784.	2777.	1809.
1273.4410	182.	1618.	799.	2826.	1852.
1273.7940	177.	1762.	785.	2759.	1845.
1274.1470	187.	1645.	844.	2844.	1812.
1274.5000	203.	1638.	795.	2723.	1808.
1274.8530	197.	1630.	847.	2729.	1925.
1275.2060	170.	1666.	874.	2820.	1804.
1275.5590	198.	1685.	815.	2793.	1872.
1275.9120	140.	1633.	837.	2746.	1852.
1276.2650	175.	1658.	783.	2756.	1877.
1276.6180	179.	1676.	819.	2769.	1825.
1276.9710	156.	1685.	844.	2747.	1885.
1277.3240	142.	1656.	870.	2666.	1883.

1277.6770	203.	1684.	876.	2676.	1946.
1278.0300	160.	1753.	850.	2817.	1871.
1278.3830	189.	1679.	822.	2733.	1880.
1278.7360	161.	1673.	837.	2777.	1800.
1279.0890	169.	1684.	816.	2693.	1879.
1279.4410	191.	1712.	823.	2749.	1779.
1279.7940	171.	1725.	825.	2722.	1889.
1280.1470	183.	1738.	834.	2565.	1859.
1280.5000	185.	1604.	776.	2712.	1803.
1280.8520	183.	1673.	805.	2755.	1844.
1281.2050	182.	1682.	796.	2684.	1872.
1281.5580	199.	1701.	818.	2669.	1802.
1281.9100	155.	1749.	835.	2677.	1760.
1282.2630	165.	1692.	808.	2698.	1796.
1282.6160	184.	1706.	842.	2716.	1868.
1282.9680	198.	1636.	836.	2694.	1877.
1283.3210	188.	1752.	784.	2605.	1771.
1283.6730	181.	1692.	830.	2699.	1828.
1284.0260	180.	1695.	812.	2750.	1788.
1284.3780	182.	1693.	795.	2745.	1740.
1284.7310	189.	1667.	825.	2638.	1850.
1285.0830	196.	1674.	831.	2675.	1808.
1285.4360	176.	1621.	775.	2701.	1854.
1285.7880	171.	1671.	869.	2689.	1804.
1286.1400	179.	1670.	861.	2717.	1786.
1286.4930	178.	1616.	782.	2743.	1827.
1286.8450	197.	1684.	790.	2630.	1751.
1287.1970	169.	1705.	830.	2676.	1819.

1287.5500	206.	1671.	801.	2612.	1836.
1287.9020	209.	1731.	741.	2679.	1863.
1288.2540	197.	1782.	839.	2705.	1876.
1288.6060	168.	1688.	873.	2779.	1876.
1288.9590	173.	1744.	807.	2635.	1915.
1289.3110	180.	1752.	881.	2563.	1818.
1289.6630	202.	1681.	836.	2605.	1817.
1290.0150	169.	1674.	749.	2647.	1883.
1290.3670	173.	1757.	795.	2562.	1830.
1290.7190	186.	1699.	896.	2615.	1902.
1291.0710	179.	1729.	808.	2548.	1862.
1291.4230	202.	1669.	811.	2712.	1916.
1291.7750	188.	1566.	816.	2598.	1855.
1292.1270	185.	1790.	785.	2579.	1849.
1292.4790	181.	1638.	772.	2574.	1812.
1292.8310	158.	1773.	809.	2724.	1849.
1293.1830	191.	1696.	771.	2580.	1848.
1293.5350	212.	1698.	784.	2463.	1892.
1293.8870	227.	1769.	840.	2470.	1795.
1294.2390	200.	1740.	831.	2662.	1859.
1294.5910	233.	1652.	831.	2688.	1885.
1294.9430	198.	1787.	820.	2562.	1862.
1295.2940	182.	1766.	821.	2567.	1815.
1295.6460	221.	1658.	855.	2626.	1868.
1295.9980	180.	1734.	747.	2639.	1824.
1296.3500	185.	1762.	868.	2457.	1789.
1296.7010	209.	1654.	790.	2547.	1775.
1297.0530	203.	1756.	787.	2605.	1849.

1297.4050	204.	1631.	779.	2485.	1918.
1297.7560	190.	1621.	803.	2564.	1839.
1298.1080	209.	1572.	771.	2557.	1863.
1298.4590	177.	1703.	753.	2542.	1780.
1298.8110	187.	1679.	782.	2420.	1851.
1299.1630	218.	1593.	828.	2559.	1816.
1299.5140	188.	1643.	784.	2609.	1832.
1299.8660	203.	1744.	796.	2548.	1917.
1300.2170	181.	1718.	769.	2522.	1861.
1300.5690	186.	1669.	837.	2512.	1836.
1300.9200	196.	1699.	724.	2571.	1873.
1301.2710	233.	1716.	836.	2605.	1900.
1301.6230	222.	1637.	840.	2398.	1887.
1301.9740	217.	1705.	825.	2593.	1852.
1302.3250	219.	1815.	820.	2587.	1878.
1302.6770	204.	1741.	827.	2608.	1890.
1303.0280	205.	1693.	831.	2548.	1961.
1303.3790	202.	1718.	858.	2516.	1964.
1303.7310	205.	1649.	841.	2610.	1870.
1304.0820	228.	1765.	795.	2509.	1812.
1304.4330	223.	1693.	858.	2583.	1879.
1304.7840	213.	1748.	812.	2532.	1872.
1305.1350	214.	1731.	811.	2542.	1880.
1305.4870	221.	1666.	788.	2560.	1894.
1305.8380	232.	1696.	774.	2493.	1853.
1306.1890	234.	1623.	811.	2489.	1758.
1306.5400	208.	1797.	863.	2518.	1841.
1306.8910	228.	1644.	797.	2499.	1806.

1307.2420	244.	1699.	817.	2532.	1830.
1307.5930	224.	1700.	835.	2530.	1788.
1307.9440	208.	1740.	838.	2554.	1919.
1308.2950	218.	1782.	857.	2521.	1892.
1308.6460	240.	1803.	795.	2585.	1822.
1308.9970	218.	1772.	800.	2464.	1832.
1309.3480	258.	1659.	822.	2444.	1914.
1309.6990	218.	1726.	811.	2481.	1910.
1310.0490	229.	1780.	809.	2406.	1840.
1310.4000	244.	1694.	784.	2483.	1898.
1310.7510	231.	1694.	831.	2589.	1837.
1311.1020	221.	1690.	866.	2551.	1855.
1311.4530	257.	1741.	812.	2475.	1806.
1311.8030	198.	1664.	814.	2440.	1875.
1312.1540	195.	1785.	824.	2577.	1822.
1312.5050	238.	1705.	839.	2439.	1924.
1312.8550	239.	1757.	767.	2436.	1777.
1313.2060	265.	1700.	837.	2487.	1823.
1313.5570	244.	1754.	858.	2431.	1881.
1313.9070	226.	1712.	833.	2406.	1862.
1314.2580	258.	1618.	810.	2514.	1874.
1314.6080	254.	1697.	846.	2486.	1837.
1314.9590	263.	1690.	856.	2389.	1789.
1315.3090	248.	1707.	835.	2513.	1920.
1315.6600	248.	1745.	894.	2414.	1793.
1316.0100	250.	1694.	852.	2417.	1853.
1316.3610	250.	1660.	830.	2442.	1772.
1316.7110	272.	1747.	846.	2527.	1821.

1317.0620	281.	1768.	829.	2481.	1882.
1317.4120	231.	1761.	800.	2477.	1844.
1317.7620	275.	1708.	796.	2540.	1856.
1318.1130	235.	1689.	873.	2363.	1810.
1318.4630	223.	1744.	828.	2406.	1807.
1318.8130	238.	1800.	862.	2492.	1864.
1319.1640	266.	1645.	795.	2356.	1834.
1319.5140	264.	1643.	820.	2497.	1903.
1319.8640	291.	1705.	896.	2453.	1790.
1320.2140	252.	1788.	794.	2513.	1880.
1320.5650	273.	1691.	807.	2411.	1862.
1320.9150	235.	1801.	792.	2410.	1775.
1321.2650	239.	1731.	810.	2505.	1869.
1321.6150	244.	1676.	832.	2421.	1789.
1321.9650	275.	1695.	848.	2417.	1847.
1322.3150	309.	1772.	873.	2400.	1900.
1322.6650	278.	1767.	825.	2438.	1855.
1323.0150	253.	1787.	838.	2503.	1816.
1323.3650	252.	1750.	853.	2487.	1852.
1323.7150	280.	1729.	874.	2411.	1803.
1324.0650	257.	1811.	837.	2430.	1899.
1324.4150	280.	1856.	795.	2410.	1801.
1324.7650	290.	1782.	880.	2559.	1834.
1325.1150	248.	1860.	808.	2381.	1818.
1325.4650	269.	1805.	844.	2464.	1887.
1325.8150	293.	1753.	835.	2369.	1809.
1326.1640	304.	1769.	840.	2382.	1865.
1326.5140	301.	1775.	831.	2321.	1870.

1326.8640	310.	1756.	853.	2427.	1891.
1327.2140	292.	1790.	857.	2326.	1832.
1327.5630	301.	1781.	834.	2491.	1796.
1327.9130	328.	1731.	807.	2308.	1836.
1328.2630	294.	1712.	869.	2313.	1864.
1328.6130	298.	1803.	799.	2354.	1830.
1328.9620	305.	1835.	820.	2429.	1924.
1329.3120	294.	1824.	879.	2408.	1928.
1329.6610	304.	1769.	861.	2417.	1822.
1330.0110	359.	1859.	857.	2319.	1926.
1330.3610	311.	1826.	845.	2447.	1740.
1330.7100	318.	1756.	833.	2447.	1854.
1331.0600	330.	1775.	849.	2379.	1769.
1331.4090	304.	1845.	861.	2501.	1769.
1331.7590	318.	1824.	840.	2285.	1787.
1332.1080	340.	1734.	815.	2397.	1845.
1332.4570	325.	1818.	825.	2439.	1845.
1332.8070	340.	1826.	882.	2398.	1966.
1333.1560	310.	1818.	816.	2455.	1828.
1333.5060	313.	1790.	854.	2446.	1940.
1333.8550	340.	1874.	846.	2331.	1827.
1334.2040	362.	1729.	836.	2409.	1834.
1334.5530	325.	1825.	807.	2358.	1866.
1334.9030	324.	1810.	881.	2419.	1884.
1335.2520	336.	1885.	822.	2357.	1834.
1335.6010	340.	1795.	865.	2318.	1902.
1335.9500	311.	1778.	834.	2383.	1794.
1336.3000	329.	1756.	911.	2355.	1957.

1336.6490	339.	1845.	849.	2392.	1824.
1336.9980	323.	1856.	881.	2332.	1895.
1337.3470	342.	1762.	876.	2346.	1770.
1337.6960	331.	1800.	864.	2334.	1863.
1338.0450	351.	1863.	852.	2367.	1832.
1338.3940	323.	1887.	857.	2352.	1884.
1338.7430	379.	1927.	865.	2414.	1876.
1339.0920	354.	1987.	840.	2195.	1926.
1339.4410	346.	1885.	900.	2272.	1823.
1339.7900	362.	1785.	885.	2300.	1859.
1340.1390	369.	1903.	873.	2277.	1874.
1340.4880	365.	1870.	861.	2389.	1734.
1340.8370	383.	1927.	907.	2325.	1875.
1341.1860	398.	1845.	872.	2353.	1834.
1341.5350	379.	1855.	900.	2351.	1880.
1341.8830	424.	1952.	864.	2291.	1929.
1342.2320	409.	1928.	890.	2283.	1811.
1342.5810	404.	1910.	884.	2356.	1820.
1342.9300	397.	1836.	889.	2227.	1913.
1343.2780	394.	1937.	880.	2292.	1786.
1343.6270	430.	1907.	843.	2353.	1894.
1343.9760	378.	1944.	887.	2255.	1765.
1344.3240	436.	1965.	831.	2261.	1930.
1344.6730	367.	1882.	808.	2254.	1865.
1345.0220	396.	1912.	861.	2265.	1813.
1345.3700	423.	1902.	903.	2289.	1823.
1345.7190	416.	2037.	884.	2278.	1853.
1346.0670	440.	1990.	863.	2322.	1833.

1346.4160	418.	1991.	928.	2313.	1882.
1346.7640	412.	1952.	936.	2315.	1855.
1347.1130	486.	2026.	897.	2348.	1860.
1347.4610	416.	1978.	948.	2261.	1787.
1347.8100	421.	2013.	941.	2257.	1850.
1348.1580	425.	1976.	875.	2237.	1820.
1348.5070	489.	2025.	852.	2219.	1761.
1348.8550	408.	1993.	858.	2186.	1766.
1349.2030	458.	2016.	919.	2312.	1787.
1349.5520	442.	1953.	939.	2229.	1797.
1349.9000	499.	2064.	932.	2346.	1816.
1350.2480	416.	2055.	913.	2155.	1791.
1350.5970	458.	1934.	919.	2278.	1879.
1350.9450	446.	1924.	915.	2245.	1747.
1351.2930	489.	1897.	938.	2244.	1838.
1351.6410	478.	1920.	934.	2165.	1816.
1351.9890	471.	1918.	908.	2208.	1804.
1352.3380	422.	1884.	914.	2224.	1797.
1352.6860	426.	1975.	896.	2065.	1834.
1353.0340	431.	1947.	907.	2166.	1878.
1353.3820	512.	2013.	919.	2241.	1799.
1353.7300	482.	2076.	950.	2136.	1931.
1354.0780	488.	2080.	942.	2146.	1817.
1354.4260	488.	2044.	892.	2229.	1853.
1354.7740	470.	2134.	970.	2224.	1819.
1355.1220	502.	2132.	955.	2234.	1842.
1355.4700	552.	2144.	955.	2141.	1796.
1355.8180	511.	2041.	942.	2207.	1836.

1356.1660	544.	2115.	986.	2176.	1823.
1356.5140	522.	2132.	1007.	2280.	1848.
1356.8620	547.	2076.	948.	2178.	1837.
1357.2090	506.	2239.	997.	2257.	1827.
1357.5570	552.	2086.	936.	2223.	1899.
1357.9050	495.	2112.	939.	2179.	1808.
1358.2530	489.	2086.	979.	2195.	1899.
1358.6010	496.	2124.	900.	2159.	1976.
1358.9480	504.	2184.	970.	2255.	1898.
1359.2960	544.	2089.	957.	2142.	1743.
1359.6440	526.	2154.	902.	2171.	1920.
1359.9910	510.	2128.	982.	2220.	1885.
1360.3390	513.	2073.	945.	2214.	1814.
1360.6870	526.	2150.	933.	2193.	1885.
1361.0340	518.	2131.	976.	2137.	1856.
1361.3820	545.	2164.	1026.	2151.	1846.
1361.7290	478.	2075.	1002.	2205.	1800.
1362.0770	498.	2187.	970.	2175.	1840.
1362.4240	536.	2117.	981.	2189.	1855.
1362.7720	495.	2049.	996.	2113.	1824.
1363.1190	542.	2087.	1003.	2191.	1805.
1363.4670	529.	2266.	978.	2203.	1818.
1363.8140	546.	2048.	966.	2086.	1814.
1364.1620	519.	2188.	997.	2250.	1813.
1364.5090	522.	2193.	1000.	2211.	1738.
1364.8560	553.	2083.	997.	2206.	1811.
1365.2040	560.	2209.	966.	2186.	1822.
1365.5510	471.	2110.	1070.	2157.	1753.

1365.8980	485.	2164.	1049.	2222.	1835.
1366.2450	525.	2201.	985.	2178.	1890.
1366.5930	526.	2244.	981.	2162.	1838.
1366.9400	486.	2132.	932.	2005.	1791.
1367.2870	523.	2116.	1037.	2181.	1777.
1367.6340	501.	2114.	954.	2159.	1790.
1367.9810	554.	2154.	970.	2114.	1865.
1368.3290	511.	2117.	963.	2070.	1847.
1368.6760	553.	2166.	989.	2120.	1852.
1369.0230	484.	2239.	961.	2164.	1827.
1369.3700	467.	2186.	1009.	2058.	1892.
1369.7170	480.	2200.	965.	2111.	1837.
1370.0640	488.	2223.	968.	2141.	1862.
1370.4110	509.	2205.	904.	2128.	1787.
1370.7580	539.	2225.	958.	2113.	1846.
1371.1050	545.	2146.	912.	2156.	1969.
1371.4520	492.	2199.	1002.	2163.	1839.
1371.7990	508.	2078.	950.	2119.	1800.
1372.1460	527.	2056.	983.	2161.	1771.
1372.4920	510.	2140.	986.	2157.	1809.
1372.8390	481.	2082.	1012.	2073.	1809.
1373.1860	468.	2205.	974.	2135.	1866.
1373.5330	481.	2094.	977.	2032.	1728.
1373.8800	475.	2065.	917.	2089.	1860.
1374.2260	532.	2063.	942.	2016.	1804.
1374.5730	462.	2158.	976.	2109.	1842.
1374.9200	550.	2147.	949.	2122.	1796.
1375.2660	459.	2083.	1000.	2089.	1904.

1375.6130	518.	2153.	993.	2101.	1792.
1375.9600	457.	2023.	866.	2115.	1803.
1376.3060	465.	2117.	933.	2098.	1870.
1376.6530	509.	2063.	926.	2023.	1787.
1377.0000	459.	2006.	987.	2130.	1812.
1377.3460	471.	2104.	944.	2078.	1745.
1377.6930	494.	2023.	933.	2047.	1904.
1378.0390	447.	2042.	853.	2137.	1787.
1378.3860	462.	2051.	939.	2117.	1840.
1378.7320	466.	2077.	916.	2036.	1850.
1379.0790	491.	2022.	921.	2029.	1977.
1379.4250	434.	1951.	924.	1981.	1852.
1379.7710	478.	2035.	878.	2060.	1861.
1380.1180	445.	2058.	860.	1988.	1811.
1380.4640	455.	1982.	921.	2018.	1796.
1380.8100	480.	1977.	920.	1958.	1863.
1381.1570	431.	1989.	900.	2020.	1796.
1381.5030	470.	2071.	906.	2090.	1813.
1381.8490	475.	2029.	923.	2033.	1840.
1382.1960	454.	2059.	902.	2015.	1880.
1382.5420	455.	2012.	879.	2004.	1886.
1382.8880	431.	1955.	918.	1984.	1909.
1383.2340	445.	2016.	912.	1923.	1794.
1383.5800	407.	1946.	861.	2013.	1858.
1383.9260	469.	2005.	908.	2019.	1821.
1384.2730	401.	1940.	905.	1993.	1883.
1384.6190	433.	2007.	917.	1940.	1789.
1384.9650	450.	1902.	870.	1994.	1812.

1385.3110	393.	2071.	957.	2034.	1789.
1385.6570	426.	1818.	882.	2077.	1908.
1386.0030	398.	1966.	901.	2003.	1837.
1386.3490	431.	1895.	847.	1985.	1871.
1386.6950	411.	1848.	853.	1992.	1862.
1387.0410	367.	1966.	828.	1968.	1806.
1387.3870	383.	1915.	844.	2090.	1861.
1387.7320	433.	1883.	873.	1947.	1827.
1388.0780	390.	1889.	934.	2016.	1784.
1388.4240	377.	1879.	838.	1989.	1800.
1388.7700	404.	1953.	899.	1986.	1717.
1389.1160	351.	2020.	917.	1955.	1824.
1389.4620	362.	1912.	872.	2047.	1885.
1389.8070	350.	1938.	853.	2059.	1812.
1390.1530	381.	1813.	859.	1951.	1875.
1390.4990	386.	1943.	838.	2043.	1945.
1390.8440	367.	1837.	841.	2004.	1800.
1391.1900	372.	1828.	884.	1980.	1877.
1391.5360	423.	1872.	852.	2003.	1834.
1391.8810	382.	1843.	860.	2031.	1802.
1392.2270	342.	1867.	821.	1972.	1895.
1392.5730	382.	1877.	879.	1918.	1845.
1392.9180	372.	1812.	838.	1942.	1838.
1393.2640	352.	1865.	806.	1931.	1868.
1393.6090	356.	1822.	806.	2025.	1868.
1393.9550	357.	1861.	824.	2023.	1899.
1394.3000	347.	1837.	866.	1976.	1872.
1394.6460	342.	1875.	882.	1949.	1834.

1394.9910	333.	1884.	835.	1966.	1833.
1395.3360	385.	1888.	830.	1907.	1818.
1395.6820	341.	1779.	844.	1978.	1817.
1396.0270	361.	1856.	862.	1892.	1749.
1396.3730	298.	1809.	857.	1865.	1855.
1396.7180	329.	1797.	891.	2006.	1833.
1397.0630	337.	1821.	851.	1899.	1867.
1397.4080	318.	1816.	840.	2015.	1821.
1397.7540	359.	1807.	860.	1913.	1866.
1398.0990	307.	1743.	807.	1998.	1817.
1398.4440	309.	1816.	821.	1892.	1829.
1398.7890	311.	1763.	810.	1973.	1825.
1399.1340	319.	1836.	817.	1908.	1808.
1399.4800	363.	1784.	820.	1905.	1850.
1399.8250	338.	1817.	864.	1825.	1852.
1400.1700	338.	1737.	785.	1860.	1856.
1400.5150	294.	1775.	778.	1922.	1789.
1400.8600	325.	1709.	794.	1894.	1735.
1401.2050	316.	1798.	801.	1945.	1785.
1401.5500	300.	1787.	799.	1896.	1824.
1401.8950	298.	1803.	807.	1909.	1820.
1402.2400	300.	1796.	815.	1976.	1835.
1402.5850	318.	1781.	796.	1867.	1885.
1402.9300	326.	1785.	781.	1911.	1890.
1403.2750	300.	1722.	834.	1889.	1846.
1403.6190	281.	1673.	752.	1905.	1848.
1403.9640	317.	1691.	771.	1940.	1807.
1404.3090	257.	1735.	762.	1964.	1762.

1404.6540	298.	1653.	810.	1851.	1795.
1404.9990	306.	1846.	777.	1899.	1849.
1405.3440	331.	1706.	824.	1941.	1842.
1405.6880	291.	1740.	794.	1852.	1784.
1406.0330	270.	1648.	811.	1919.	1821.
1406.3780	294.	1705.	788.	1928.	1865.
1406.7220	313.	1744.	775.	1891.	1781.
1407.0670	299.	1718.	783.	1948.	1811.
1407.4120	270.	1794.	812.	1893.	1874.
1407.7560	301.	1688.	761.	1854.	1807.
1408.1010	242.	1690.	797.	1877.	1817.
1408.4450	293.	1726.	760.	1893.	1882.
1408.7900	286.	1674.	804.	1854.	1757.
1409.1340	300.	1651.	819.	1909.	1863.
1409.4790	297.	1674.	838.	1795.	1841.
1409.8230	251.	1740.	775.	1875.	1808.
1410.1680	248.	1691.	737.	1891.	1783.
1410.5120	259.	1724.	821.	1825.	1899.
1410.8570	265.	1703.	777.	1917.	1786.
1411.2010	267.	1680.	776.	1915.	1855.
1411.5460	273.	1695.	770.	1852.	1863.
1411.8900	259.	1723.	742.	1855.	1863.
1412.2340	264.	1726.	767.	1895.	1795.
1412.5780	242.	1652.	778.	1883.	1825.
1412.9230	272.	1673.	802.	1838.	1849.
1413.2670	264.	1635.	735.	1876.	1837.
1413.6110	242.	1650.	762.	1855.	1823.
1413.9550	257.	1694.	805.	1819.	1912.

1414.3000	249.	1706.	787.	1915.	1872.
1414.6440	265.	1640.	790.	1896.	1855.
1414.9880	294.	1655.	746.	1933.	1761.
1415.3320	236.	1684.	767.	1878.	1799.
1415.6760	254.	1654.	729.	1899.	1780.
1416.0200	264.	1665.	742.	1777.	1859.
1416.3640	277.	1680.	782.	1762.	1889.
1416.7080	238.	1660.	758.	1884.	1911.
1417.0520	233.	1676.	684.	1861.	1825.
1417.3960	274.	1672.	784.	1879.	1914.
1417.7400	250.	1653.	718.	1853.	1835.
1418.0840	274.	1647.	749.	1846.	1890.
1418.4280	254.	1604.	766.	1853.	1823.
1418.7720	192.	1625.	720.	1847.	1841.
1419.1160	238.	1661.	784.	1831.	1948.
1419.4600	230.	1634.	757.	1809.	1845.
1419.8040	287.	1654.	755.	1842.	1867.
1420.1480	241.	1741.	729.	1846.	1804.
1420.4910	240.	1663.	780.	1809.	1812.
1420.8350	252.	1623.	760.	1834.	1856.
1421.1790	246.	1642.	761.	1792.	1855.
1421.5230	227.	1624.	791.	1898.	1855.
1421.8660	235.	1690.	731.	1825.	1887.
1422.2100	223.	1680.	746.	1862.	1789.
1422.5540	258.	1640.	783.	1865.	1823.
1422.8970	247.	1614.	758.	1835.	1844.
1423.2410	215.	1615.	727.	1852.	1738.
1423.5840	255.	1619.	744.	1776.	1786.

1423.9280	254.	1665.	729.	1908.	1766.
1424.2720	274.	1636.	715.	1790.	1883.
1424.6150	252.	1658.	726.	1868.	1848.
1424.9590	226.	1521.	714.	1827.	1819.
1425.3020	243.	1697.	720.	1787.	1850.
1425.6460	236.	1594.	782.	1792.	1770.
1425.9890	250.	1679.	724.	1822.	1851.
1426.3320	231.	1654.	745.	1833.	1784.
1426.6760	241.	1631.	746.	1825.	1779.
1427.0190	248.	1645.	755.	1788.	1770.
1427.3630	248.	1632.	688.	1855.	1876.
1427.7060	238.	1648.	733.	1754.	1773.
1428.0490	253.	1723.	767.	1893.	1795.
1428.3930	238.	1647.	730.	1842.	1900.
1428.7360	221.	1627.	679.	1816.	1817.
1429.0790	230.	1663.	739.	1804.	1821.
1429.4220	227.	1618.	751.	1766.	1813.
1429.7650	262.	1636.	694.	1867.	1767.
1430.1090	227.	1696.	765.	1865.	1888.
1430.4520	264.	1589.	741.	1826.	1845.
1430.7950	220.	1642.	773.	1801.	1713.
1431.1380	238.	1561.	688.	1819.	1893.
1431.4810	262.	1589.	692.	1837.	1929.
1431.8240	217.	1608.	732.	1824.	1825.
1432.1670	238.	1567.	799.	1804.	1901.
1432.5100	192.	1710.	710.	1893.	1881.
1432.8530	225.	1636.	728.	1906.	1863.
1433.1960	233.	1665.	781.	1853.	1787.

1433.5390	250.	1681.	707.	1807.	1788.
1433.8820	221.	1589.	748.	1904.	1778.
1434.2250	230.	1660.	690.	1764.	1753.
1434.5680	260.	1597.	720.	1757.	1747.
1434.9110	219.	1545.	761.	1832.	1850.
1435.2540	233.	1621.	709.	1788.	1830.
1435.5970	229.	1631.	751.	1790.	1876.
1435.9390	218.	1673.	681.	1798.	1774.
1436.2820	213.	1629.	683.	1794.	1830.
1436.6250	213.	1606.	699.	1769.	1878.
1436.9680	201.	1588.	697.	1842.	1855.
1437.3100	229.	1592.	779.	1797.	1813.
1437.6530	242.	1685.	686.	1781.	1785.
1437.9960	219.	1595.	732.	1789.	1835.
1438.3380	235.	1521.	690.	1778.	1884.
1438.6810	222.	1609.	724.	1806.	1896.
1439.0240	204.	1567.	698.	1770.	1783.
1439.3660	261.	1626.	755.	1855.	1822.
1439.7090	222.	1614.	693.	1838.	1813.
1440.0510	211.	1630.	722.	1854.	1822.
1440.3940	230.	1555.	705.	1962.	1860.
1440.7360	212.	1619.	732.	1816.	1791.
1441.0790	228.	1574.	667.	1772.	1798.
1441.4210	197.	1666.	742.	1790.	1844.
1441.7640	218.	1615.	684.	1810.	1846.
1442.1060	199.	1599.	720.	1811.	1794.
1442.4490	233.	1680.	739.	1730.	1888.
1442.7910	230.	1547.	707.	1848.	1778.

1443.1330	231.	1549.	752.	1747.	1924.
1443.4760	219.	1610.	720.	1819.	1836.
1443.8180	216.	1635.	766.	1767.	1815.
1444.1600	217.	1696.	696.	1823.	1798.
1444.5020	217.	1628.	751.	1818.	1926.
1444.8450	188.	1634.	719.	1868.	1700.
1445.1870	217.	1583.	731.	1771.	1863.
1445.5290	238.	1563.	774.	1854.	1801.
1445.8710	206.	1603.	708.	1841.	1926.
1446.2130	205.	1602.	740.	1748.	1876.
1446.5560	220.	1602.	702.	1813.	1844.
1446.8980	215.	1542.	677.	1711.	1824.
1447.2400	221.	1598.	708.	1756.	1859.
1447.5820	229.	1559.	725.	1804.	1843.
1447.9240	229.	1590.	715.	1785.	1827.
1448.2660	186.	1589.	691.	1743.	1815.
1448.6080	219.	1603.	697.	1737.	1795.
1448.9500	228.	1598.	672.	1750.	1846.
1449.2920	234.	1566.	746.	1845.	1872.
1449.6340	218.	1616.	704.	1798.	1929.
1449.9760	198.	1631.	673.	1801.	1866.
1450.3170	218.	1649.	661.	1767.	1855.
1450.6590	236.	1688.	688.	1773.	1855.
1451.0010	237.	1624.	704.	1825.	1817.
1451.3430	217.	1617.	714.	1830.	1836.
1451.6850	217.	1565.	726.	1831.	1866.
1452.0270	217.	1616.	673.	1821.	1864.
1452.3680	216.	1585.	664.	1823.	1804.

1452.7100	198.	1631.	753.	1812.	1856.
1453.0520	194.	1593.	739.	1816.	1755.
1453.3930	210.	1556.	709.	1720.	1870.
1453.7350	179.	1562.	686.	1864.	1787.
1454.0770	200.	1575.	686.	1753.	1884.
1454.4180	195.	1575.	709.	1769.	1831.
1454.7600	258.	1562.	667.	1756.	1839.
1455.1020	213.	1580.	680.	1742.	1804.
1455.4430	197.	1574.	674.	1757.	1899.
1455.7850	226.	1589.	695.	1748.	1902.
1456.1260	203.	1562.	655.	1716.	1869.
1456.4680	193.	1620.	687.	1742.	1801.
1456.8090	196.	1600.	705.	1837.	1892.
1457.1510	220.	1599.	670.	1799.	1837.
1457.4920	226.	1627.	757.	1714.	1776.
1457.8330	205.	1619.	698.	1868.	1837.
1458.1750	182.	1612.	663.	1706.	1862.
1458.5160	230.	1649.	728.	1780.	1894.
1458.8580	216.	1586.	716.	1795.	1771.
1459.1990	258.	1575.	749.	1768.	1841.
1459.5400	203.	1626.	705.	1747.	1852.
1459.8810	223.	1619.	753.	1691.	1832.
1460.2230	223.	1584.	692.	1815.	1886.
1460.5640	203.	1624.	736.	1783.	1803.
1460.9050	197.	1590.	700.	1773.	1852.
1461.2460	217.	1562.	751.	1847.	1877.
1461.5870	201.	1641.	731.	1849.	1835.
1461.9290	221.	1586.	723.	1780.	1798.

1462.2700	212.	1561.	664.	1803.	1829.
1462.6110	209.	1653.	755.	1825.	1855.
1462.9520	205.	1594.	717.	1757.	1840.
1463.2930	205.	1609.	703.	1732.	1820.
1463.6340	213.	1608.	716.	1809.	1928.
1463.9750	189.	1576.	701.	1711.	1963.
1464.3160	187.	1651.	696.	1752.	1902.
1464.6570	230.	1573.	701.	1839.	1872.
1464.9980	198.	1591.	705.	1754.	1788.
1465.3390	234.	1674.	754.	1772.	1855.
1465.6800	166.	1613.	661.	1801.	1820.
1466.0210	245.	1634.	702.	1762.	1871.
1466.3610	201.	1631.	665.	1838.	1842.
1466.7020	218.	1595.	756.	1813.	1793.
1467.0430	215.	1594.	738.	1753.	1821.
1467.3840	210.	1554.	668.	1855.	1836.
1467.7250	189.	1581.	698.	1775.	1891.
1468.0650	217.	1592.	740.	1826.	1836.
1468.4060	214.	1551.	659.	1674.	1821.
1468.7470	231.	1578.	727.	1747.	1882.
1469.0880	195.	1612.	722.	1790.	1849.
1469.4280	218.	1645.	672.	1775.	1869.
1469.7690	186.	1606.	668.	1776.	1816.
1470.1100	208.	1596.	691.	1742.	1903.
1470.4500	222.	1539.	700.	1813.	1831.
1470.7910	202.	1590.	706.	1665.	1899.
1471.1310	190.	1609.	729.	1697.	1836.
1471.4720	212.	1586.	703.	1804.	1840.

1471.8120	220.	1604.	640.	1861.	1811.
1472.1530	205.	1614.	670.	1825.	1862.
1472.4930	225.	1686.	724.	1744.	1795.
1472.8340	204.	1670.	741.	1845.	1861.
1473.1740	222.	1593.	671.	1820.	1790.
1473.5150	229.	1596.	634.	1798.	1847.
1473.8550	221.	1586.	713.	1826.	1887.
1474.1950	189.	1623.	669.	1690.	1807.
1474.5360	204.	1538.	680.	1763.	1933.
1474.8760	247.	1616.	678.	1808.	1837.
1475.2160	211.	1640.	669.	1671.	1905.
1475.5560	182.	1599.	722.	1792.	1844.
1475.8970	236.	1598.	705.	1802.	1925.
1476.2370	233.	1707.	681.	1686.	1876.
1476.5770	205.	1568.	751.	1822.	1843.
1476.9170	231.	1566.	695.	1729.	1805.
1477.2570	212.	1537.	681.	1813.	1899.
1477.5980	188.	1593.	677.	1743.	1894.
1477.9380	237.	1595.	665.	1796.	1948.
1478.2780	216.	1590.	695.	1700.	1831.
1478.6180	207.	1611.	670.	1797.	1832.
1478.9580	211.	1544.	702.	1762.	1849.
1479.2980	190.	1601.	705.	1780.	1820.
1479.6380	236.	1598.	772.	1798.	1755.
1479.9780	210.	1643.	663.	1770.	1822.
1480.3180	217.	1601.	669.	1754.	1931.
1480.6580	195.	1643.	721.	1736.	1812.
1480.9980	212.	1618.	680.	1833.	1918.

1481.3380	215.	1612.	683.	1790.	1917.
1481.6780	183.	1655.	713.	1778.	1914.
1482.0170	232.	1632.	700.	1793.	1838.
1482.3570	200.	1637.	686.	1742.	1824.
1482.6970	191.	1640.	645.	1882.	1894.
1483.0370	231.	1499.	696.	1729.	1861.
1483.3770	208.	1557.	720.	1780.	1925.
1483.7160	244.	1648.	703.	1718.	1845.
1484.0560	203.	1550.	690.	1687.	1786.
1484.3960	193.	1642.	693.	1748.	1867.
1484.7360	198.	1602.	716.	1732.	1900.
1485.0750	232.	1617.	690.	1761.	1890.
1485.4150	200.	1548.	700.	1748.	1896.
1485.7540	185.	1574.	707.	1794.	1893.
1486.0940	247.	1678.	750.	1825.	1812.
1486.4340	187.	1702.	682.	1768.	1848.
1486.7730	220.	1600.	676.	1827.	1867.
1487.1130	209.	1598.	667.	1760.	1835.
1487.4520	240.	1615.	687.	1748.	1898.
1487.7920	197.	1612.	736.	1771.	1869.
1488.1310	216.	1568.	653.	1753.	1764.
1488.4710	221.	1582.	633.	1770.	1902.
1488.8100	244.	1594.	684.	1861.	1866.
1489.1490	224.	1631.	681.	1587.	1829.
1489.4890	223.	1674.	682.	1780.	1839.
1489.8280	205.	1621.	720.	1716.	1803.
1490.1680	215.	1587.	684.	1821.	1863.
1490.5070	220.	1584.	727.	1768.	1843.

1490.8460	229.	1523.	723.	1795.	1872.
1491.1850	234.	1622.	721.	1748.	1820.
1491.5250	238.	1563.	673.	1872.	1874.
1491.8640	208.	1568.	662.	1709.	1848.
1492.2030	239.	1572.	669.	1787.	1811.
1492.5420	232.	1630.	704.	1775.	1842.
1492.8810	219.	1521.	700.	1805.	1880.
1493.2210	212.	1581.	698.	1761.	1899.
1493.5600	220.	1588.	699.	1743.	1902.
1493.8990	231.	1602.	669.	1750.	1813.
1494.2380	207.	1542.	631.	1736.	1821.
1494.5770	217.	1700.	683.	1784.	1848.
1494.9160	200.	1573.	633.	1793.	1946.
1495.2550	216.	1551.	660.	1715.	1925.
1495.5940	201.	1630.	731.	1782.	1826.
1495.9330	209.	1596.	674.	1694.	1860.
1496.2720	227.	1547.	660.	1753.	1888.
1496.6110	230.	1603.	700.	1782.	1808.
1496.9500	247.	1627.	695.	1741.	1817.
1497.2890	228.	1606.	687.	1708.	1813.
1497.6270	237.	1560.	632.	1803.	1783.
1497.9660	229.	1561.	684.	1733.	1835.
1498.3050	238.	1689.	680.	1824.	1823.
1498.6440	227.	1632.	664.	1696.	1866.
1498.9830	196.	1642.	710.	1720.	1827.
1499.3210	205.	1643.	684.	1832.	1873.
1499.6600	228.	1640.	716.	1805.	1808.
1499.9990	207.	1556.	688.	1737.	1910.

1500.3370	227.	1612.	716.	1637.	1903.
1500.6760	220.	1594.	657.	1735.	1882.
1501.0150	251.	1570.	652.	1848.	1891.
1501.3530	200.	1630.	655.	1766.	1833.
1501.6920	205.	1650.	661.	1748.	1844.
1502.0310	244.	1558.	706.	1733.	1871.
1502.3690	245.	1544.	688.	1770.	1782.
1502.7080	229.	1569.	688.	1760.	1895.
1503.0460	245.	1654.	736.	1787.	1812.
1503.3850	219.	1578.	702.	1788.	1861.
1503.7230	224.	1644.	670.	1774.	1794.
1504.0620	243.	1582.	702.	1736.	1817.
1504.4000	246.	1594.	678.	1792.	1883.
1504.7380	236.	1630.	684.	1799.	1926.
1505.0770	218.	1607.	669.	1724.	1809.
1505.4150	211.	1638.	641.	1781.	1816.
1505.7530	244.	1585.	700.	1779.	1882.
1506.0920	213.	1586.	670.	1799.	1782.
1506.4300	217.	1545.	694.	1725.	1892.
1506.7680	244.	1691.	741.	1793.	1883.
1507.1070	211.	1684.	671.	1770.	1917.
1507.4450	251.	1701.	684.	1827.	1774.
1507.7830	258.	1684.	669.	1883.	1832.
1508.1210	229.	1602.	713.	1721.	1823.
1508.4590	240.	1628.	658.	1823.	1818.
1508.7980	243.	1616.	753.	1818.	1914.
1509.1360	263.	1682.	685.	1770.	1854.
1509.4740	223.	1584.	686.	1760.	1894.

1509.8120	244.	1582.	674.	1802.	1884.
1510.1500	239.	1627.	672.	1830.	1891.
1510.4880	228.	1618.	702.	1811.	1897.
1510.8260	278.	1608.	687.	1781.	1809.
1511.1640	222.	1625.	732.	1859.	1872.
1511.5020	225.	1585.	743.	1753.	1820.
1511.8400	240.	1635.	747.	1777.	1856.
1512.1780	242.	1588.	688.	1821.	1818.
1512.5160	238.	1570.	669.	1850.	1866.
1512.8540	243.	1575.	678.	1788.	1856.
1513.1910	207.	1611.	721.	1726.	1859.
1513.5290	240.	1674.	717.	1880.	1820.
1513.8670	251.	1642.	700.	1821.	1872.
1514.2050	284.	1631.	728.	1863.	1828.
1514.5430	266.	1680.	722.	1837.	1784.
1514.8800	236.	1662.	685.	1816.	1833.
1515.2180	247.	1632.	656.	1859.	1877.
1515.5560	275.	1651.	662.	1833.	1860.
1515.8940	265.	1700.	726.	1838.	1896.
1516.2310	240.	1585.	691.	1882.	1823.
1516.5690	246.	1667.	671.	1828.	1783.
1516.9060	269.	1684.	731.	1775.	1886.
1517.2440	235.	1675.	681.	1796.	1842.
1517.5820	267.	1598.	709.	1736.	1920.
1517.9190	238.	1606.	698.	1760.	1912.
1518.2570	264.	1598.	661.	1843.	1877.
1518.5940	258.	1593.	734.	1785.	1829.
1518.9320	291.	1577.	686.	1782.	1784.

1519.2690	275.	1681.	681.	1795.	1844.
1519.6070	290.	1618.	674.	1872.	1870.
1519.9440	284.	1636.	684.	1844.	1846.
1520.2820	264.	1621.	692.	1742.	1860.
1520.6190	263.	1608.	644.	1866.	1856.
1520.9560	263.	1649.	717.	1828.	1832.
1521.2940	233.	1650.	688.	1827.	1838.
1521.6310	257.	1674.	731.	1871.	1895.
1521.9680	242.	1662.	663.	1814.	1866.
1522.3050	260.	1695.	716.	1897.	1792.
1522.6430	255.	1613.	716.	1807.	1979.
1522.9800	227.	1663.	703.	1890.	1902.
1523.3170	263.	1681.	779.	1784.	1840.
1523.6540	252.	1631.	690.	1820.	1852.
1523.9920	297.	1697.	706.	1802.	1905.
1524.3290	279.	1709.	666.	1841.	1812.
1524.6660	240.	1673.	704.	1795.	1810.
1525.0030	272.	1669.	661.	1747.	1876.
1525.3400	259.	1590.	696.	1746.	1822.
1525.6770	254.	1709.	708.	1845.	1820.
1526.0140	247.	1627.	709.	1821.	1883.
1526.3510	264.	1793.	724.	1896.	1806.
1526.6880	280.	1662.	700.	1849.	1926.
1527.0250	289.	1645.	695.	1859.	1862.
1527.3620	282.	1685.	698.	1971.	1886.
1527.6990	270.	1684.	679.	1867.	1869.
1528.0360	302.	1581.	690.	1820.	1810.
1528.3730	244.	1696.	747.	1745.	1906.

1528.7100	283.	1679.	748.	1941.	1798.
1529.0460	304.	1598.	705.	1791.	1832.
1529.3830	285.	1642.	669.	1837.	1851.
1529.7200	312.	1661.	749.	1883.	1895.
1530.0570	334.	1689.	664.	1829.	1850.
1530.3940	303.	1704.	688.	1920.	1894.
1530.7300	306.	1695.	722.	1853.	1850.
1531.0670	332.	1762.	712.	1834.	1883.
1531.4040	293.	1644.	663.	1857.	1846.
1531.7400	276.	1668.	765.	1917.	1811.
1532.0770	310.	1661.	692.	1915.	1803.
1532.4140	336.	1633.	697.	1878.	1917.
1532.7500	283.	1676.	682.	1798.	1844.
1533.0870	292.	1713.	709.	1848.	1939.
1533.4240	339.	1664.	679.	1892.	1843.
1533.7600	333.	1714.	662.	1821.	1919.
1534.0970	283.	1706.	703.	1974.	1873.
1534.4330	339.	1729.	721.	1804.	1810.
1534.7700	331.	1665.	717.	1808.	1903.
1535.1060	361.	1768.	657.	1894.	1791.
1535.4420	302.	1728.	698.	1749.	1769.
1535.7790	314.	1621.	702.	1752.	1835.
1536.1150	338.	1744.	702.	1959.	1797.
1536.4520	330.	1694.	708.	1851.	1878.
1536.7880	352.	1651.	700.	1827.	1904.
1537.1240	315.	1760.	708.	1771.	1840.
1537.4610	353.	1644.	737.	2024.	1857.
1537.7970	351.	1751.	750.	1796.	1854.

1538.1330	331.	1746.	689.	1868.	1822.
1538.4690	326.	1745.	715.	1892.	1827.
1538.8060	354.	1715.	732.	1866.	1875.
1539.1420	363.	1748.	793.	1910.	1819.
1539.4780	303.	1753.	711.	1912.	1815.
1539.8140	322.	1653.	729.	1890.	1873.
1540.1500	343.	1807.	716.	1896.	1790.
1540.4860	342.	1730.	745.	1843.	1841.
1540.8220	330.	1644.	726.	1878.	1776.
1541.1590	363.	1734.	715.	1851.	1810.
1541.4950	360.	1725.	708.	1936.	1863.
1541.8310	324.	1798.	668.	1803.	1851.
1542.1670	335.	1779.	768.	1911.	1877.
1542.5030	384.	1706.	741.	1892.	1822.
1542.8390	351.	1776.	745.	1870.	1851.
1543.1750	339.	1764.	782.	1884.	1859.
1543.5100	418.	1716.	689.	1927.	1897.
1543.8460	335.	1833.	691.	1864.	1848.
1544.1820	377.	1747.	689.	1948.	1836.
1544.5180	381.	1726.	749.	1927.	1832.
1544.8540	334.	1654.	713.	1891.	1891.
1545.1900	402.	1788.	706.	1857.	1833.
1545.5250	459.	1710.	758.	1951.	1885.
1545.8610	394.	1761.	805.	1880.	1802.
1546.1970	391.	1763.	718.	1952.	1835.
1546.5330	409.	1721.	759.	1742.	1931.
1546.8680	391.	1891.	755.	1964.	1822.
1547.2040	423.	1732.	768.	1937.	1901.

1547.5400	391.	1820.	734.	1944.	1944.
1547.8750	423.	1778.	734.	1858.	1903.
1548.2110	412.	1779.	758.	1933.	1869.
1548.5470	414.	1829.	768.	1816.	1772.
1548.8820	442.	1763.	763.	1970.	1845.
1549.2180	471.	1796.	774.	1881.	1816.
1549.5530	448.	1773.	873.	1961.	1822.
1549.8890	420.	1835.	729.	1872.	1815.
1550.2240	465.	1767.	809.	1911.	1822.
1550.5600	452.	1862.	775.	1971.	1927.
1550.8950	459.	1924.	755.	1875.	1843.
1551.2310	480.	1916.	741.	1882.	1882.
1551.5660	490.	1843.	761.	1884.	1840.
1551.9010	455.	1907.	728.	1902.	1833.
1552.2370	497.	1858.	721.	1901.	1829.
1552.5720	492.	1858.	812.	1926.	1858.
1552.9070	450.	1889.	763.	1987.	1981.
1553.2430	536.	1804.	817.	1917.	1878.
1553.5780	492.	1971.	784.	2021.	1878.
1553.9130	513.	1844.	783.	1921.	1869.
1554.2480	484.	1836.	787.	1923.	1841.
1554.5840	501.	1852.	872.	1917.	1841.
1554.9190	541.	1852.	793.	1889.	1914.
1555.2540	526.	1910.	831.	2017.	1860.
1555.5890	515.	1895.	844.	2111.	1862.
1555.9240	498.	1970.	773.	1979.	1903.
1556.2590	494.	1878.	812.	1934.	1897.
1556.5940	586.	1951.	836.	1966.	1882.

1556.9290	581.	1972.	768.	2027.	1878.
1557.2650	524.	1974.	766.	2042.	1864.
1557.6000	574.	1950.	823.	1946.	1872.
1557.9350	597.	1894.	788.	1946.	1918.
1558.2700	537.	1989.	836.	2002.	1875.
1558.6040	539.	1893.	868.	2046.	1887.
1558.9390	603.	1973.	824.	1983.	1862.
1559.2740	540.	1947.	840.	2028.	1827.
1559.6090	589.	2003.	801.	1903.	1897.
1559.9440	660.	1904.	906.	1984.	1858.
1560.2790	598.	2029.	832.	1933.	1831.
1560.6140	627.	2030.	817.	2025.	1814.
1560.9490	591.	2045.	852.	2005.	1829.
1561.2830	628.	2093.	789.	1981.	1910.
1561.6180	638.	1998.	844.	1890.	1887.
1561.9530	659.	1964.	838.	1969.	1860.
1562.2870	654.	2074.	867.	2060.	1902.
1562.6220	611.	2085.	859.	1969.	1810.
1562.9570	630.	1993.	940.	1971.	1814.
1563.2920	662.	2044.	898.	2006.	1908.
1563.6260	632.	1990.	857.	2017.	1784.
1563.9610	637.	2016.	869.	1972.	1838.
1564.2950	592.	2010.	853.	2009.	1823.
1564.6300	633.	2057.	890.	1904.	1797.
1564.9640	639.	1997.	904.	1982.	1923.
1565.2990	681.	2062.	870.	1938.	1852.
1565.6330	663.	2098.	875.	1881.	1834.
1565.9680	702.	2050.	892.	2071.	1842.

1566.3020	671.	2074.	868.	2049.	1827.
1566.6370	666.	2121.	867.	1937.	1819.
1566.9710	641.	2086.	969.	2011.	1884.
1567.3060	743.	2176.	928.	2016.	1754.
1567.6400	692.	2155.	930.	1939.	1791.
1567.9740	736.	2035.	960.	1977.	1841.
1568.3090	692.	2053.	886.	1994.	1845.
1568.6430	719.	2130.	922.	1992.	1874.
1568.9770	697.	2192.	951.	1995.	1878.
1569.3120	681.	2138.	986.	1917.	1913.
1569.6460	770.	2143.	900.	1879.	1916.
1569.9800	679.	2143.	902.	1987.	1894.
1570.3140	772.	2188.	943.	1988.	1897.
1570.6480	722.	2223.	936.	1998.	1876.
1570.9830	702.	2179.	926.	1937.	1868.
1571.3170	761.	2264.	966.	1936.	1906.
1571.6510	755.	2223.	897.	1916.	1825.
1571.9850	776.	2152.	931.	2055.	1863.
1572.3190	756.	2315.	927.	1977.	1872.
1572.6530	727.	2188.	919.	1846.	1727.
1572.9870	757.	2295.	955.	2011.	1887.
1573.3210	746.	2328.	920.	2006.	1839.
1573.6550	726.	2230.	1003.	2137.	1837.
1573.9890	775.	2109.	904.	1928.	1845.
1574.3230	804.	2229.	1006.	1996.	1833.
1574.6570	734.	2188.	914.	1953.	1859.
1574.9910	778.	2168.	938.	1921.	1899.
1575.3250	731.	2202.	945.	1993.	1844.

1575.6580	768.	2316.	983.	1997.	1859.
1575.9920	789.	2208.	883.	1940.	1933.
1576.3260	775.	2256.	985.	2035.	1933.
1576.6600	758.	2243.	986.	2077.	1864.
1576.9940	796.	2183.	949.	2037.	1846.
1577.3270	736.	2112.	973.	1992.	1900.
1577.6610	711.	2248.	948.	1984.	1763.
1577.9950	789.	2206.	919.	1911.	1820.
1578.3290	774.	2184.	1002.	2040.	1850.
1578.6620	727.	2162.	975.	2023.	1816.
1578.9960	767.	2187.	988.	2079.	1796.
1579.3290	742.	2201.	938.	1998.	1879.
1579.6630	737.	2283.	929.	2086.	1908.
1579.9970	748.	2207.	920.	2049.	1913.
1580.3300	782.	2266.	1007.	2085.	1845.
1580.6640	808.	2260.	975.	2025.	1814.
1580.9970	701.	2242.	988.	2028.	1894.
1581.3310	702.	2188.	937.	2100.	1912.
1581.6640	713.	2186.	970.	1984.	1860.
1581.9980	739.	2160.	922.	2067.	1877.
1582.3310	748.	2116.	967.	2081.	1923.
1582.6650	732.	2107.	943.	2079.	1793.
1582.9980	715.	2227.	963.	2039.	1814.
1583.3310	756.	2087.	962.	2007.	1902.
1583.6650	691.	2104.	937.	2075.	1912.
1583.9980	658.	2082.	890.	2055.	1801.
1584.3310	723.	2032.	905.	2048.	1831.
1584.6640	673.	2071.	931.	2059.	1802.

1584.9980	740.	2106.	852.	2030.	1880.
1585.3310	723.	2103.	893.	1971.	1884.
1585.6640	735.	2130.	884.	2008.	1875.
1585.9970	627.	2234.	930.	2054.	1926.
1586.3310	705.	2154.	951.	2156.	1874.
1586.6640	733.	2125.	1010.	2064.	1873.
1586.9970	720.	2177.	948.	2015.	1875.
1587.3300	635.	2269.	884.	2054.	1826.
1587.6630	719.	2129.	903.	2075.	1857.
1587.9960	608.	2074.	868.	2048.	1823.
1588.3290	635.	2039.	856.	2102.	1852.
1588.6620	604.	2078.	852.	2039.	1926.
1588.9950	657.	2137.	929.	2068.	1891.
1589.3280	634.	2119.	937.	2205.	1779.
1589.6610	676.	2066.	898.	2149.	1895.
1589.9940	642.	2080.	893.	2171.	1825.
1590.3270	698.	2090.	910.	2147.	1822.
1590.6600	634.	2044.	873.	2064.	1841.
1590.9930	601.	2077.	873.	2172.	1866.
1591.3260	640.	2021.	901.	2105.	1865.
1591.6580	637.	2000.	887.	2114.	1775.
1591.9910	653.	2036.	842.	2002.	1829.
1592.3240	626.	1978.	845.	2165.	1860.
1592.6570	583.	2045.	849.	2168.	1934.
1592.9900	583.	2032.	876.	2213.	1875.
1593.3220	605.	2053.	835.	2057.	1862.
1593.6550	523.	1943.	889.	2173.	1813.
1593.9880	625.	2047.	852.	2081.	1852.

1594.3200	587.	2023.	831.	2167.	1836.
1594.6530	607.	2023.	816.	2163.	1928.
1594.9860	553.	2041.	803.	2104.	1860.
1595.3180	588.	2070.	808.	2096.	1857.
1595.6510	539.	1963.	861.	2118.	1827.
1595.9830	548.	1883.	872.	2106.	1864.
1596.3160	558.	1994.	802.	2120.	1881.
1596.6480	522.	1927.	797.	2179.	1873.
1596.9810	527.	1868.	815.	2170.	1904.
1597.3130	516.	1999.	800.	2132.	1906.
1597.6460	516.	1932.	868.	2082.	1891.
1597.9780	589.	1871.	769.	2210.	1910.
1598.3110	565.	1939.	818.	2130.	1892.
1598.6430	558.	1794.	796.	2158.	1894.
1598.9750	495.	1957.	837.	2289.	1842.
1599.3080	541.	1923.	832.	2233.	1864.
1599.6400	484.	1861.	770.	2104.	1798.
1599.9720	542.	1839.	772.	2207.	1850.
1600.3050	483.	1897.	801.	2212.	1838.
1600.6370	500.	1914.	827.	2143.	1932.
1600.9690	496.	1935.	781.	2180.	1828.
1601.3010	511.	1900.	784.	2119.	1927.
1601.6330	513.	1914.	812.	2171.	1863.
1601.9660	529.	1847.	784.	2345.	1894.
1602.2980	473.	1879.	709.	2218.	1926.
1602.6300	449.	2035.	784.	2173.	1805.
1602.9620	477.	1821.	804.	2139.	1912.
1603.2940	461.	1847.	805.	2159.	1821.

1603.6260	501.	1859.	813.	2168.	1922.
1603.9580	457.	1833.	783.	2227.	1877.
1604.2900	439.	1904.	772.	2294.	1788.
1604.6220	460.	1828.	719.	2201.	1891.
1604.9540	436.	1874.	798.	2168.	1927.
1605.2860	433.	1828.	768.	2118.	1852.
1605.6180	427.	1834.	728.	2161.	1893.
1605.9500	470.	1808.	780.	2285.	1908.
1606.2820	460.	1832.	748.	2187.	1853.
1606.6140	444.	1861.	753.	2227.	1879.
1606.9460	445.	1788.	729.	2257.	1969.
1607.2770	444.	1902.	683.	2155.	1815.
1607.6090	451.	1882.	681.	2196.	1918.
1607.9410	476.	1761.	810.	2211.	1763.
1608.2730	382.	1806.	758.	2284.	1926.
1608.6040	441.	1807.	729.	2288.	1813.
1608.9360	461.	1874.	767.	2218.	1925.
1609.2680	392.	1826.	787.	2186.	1843.
1609.6000	388.	1844.	727.	2213.	1833.
1609.9310	437.	1830.	720.	2178.	1903.
1610.2630	431.	1763.	778.	2271.	1889.
1610.5940	370.	1847.	783.	2332.	1880.
1610.9260	426.	1767.	727.	2242.	1913.
1611.2580	401.	1806.	717.	2261.	1850.
1611.5890	400.	1788.	754.	2332.	1890.
1611.9210	412.	1803.	727.	2335.	1906.
1612.2520	417.	1753.	717.	2312.	1933.
1612.5840	325.	1769.	749.	2188.	1907.

1612.9150	387.	1768.	744.	2312.	1866.
1613.2470	374.	1764.	721.	2288.	1920.
1613.5780	382.	1791.	713.	2305.	1848.
1613.9090	407.	1733.	703.	2249.	1879.
1614.2410	419.	1778.	748.	2238.	1901.
1614.5720	316.	1750.	739.	2287.	1890.
1614.9040	358.	1718.	716.	2293.	1816.
1615.2350	388.	1739.	737.	2280.	1935.
1615.5660	376.	1793.	690.	2230.	1866.
1615.8970	366.	1826.	712.	2303.	1882.
1616.2290	363.	1756.	722.	2402.	1861.
1616.5600	363.	1791.	728.	2342.	1892.
1616.8910	351.	1718.	677.	2337.	1837.
1617.2220	348.	1764.	706.	2300.	1864.
1617.5530	343.	1732.	677.	2323.	1965.
1617.8850	314.	1762.	698.	2325.	1846.
1618.2160	331.	1662.	715.	2313.	1873.
1618.5470	352.	1711.	727.	2379.	1867.
1618.8780	341.	1754.	659.	2257.	1852.
1619.2090	351.	1770.	732.	2292.	1890.
1619.5400	352.	1687.	738.	2342.	1891.
1619.8710	326.	1658.	701.	2253.	1860.
1620.2020	322.	1697.	707.	2345.	1858.
1620.5330	347.	1717.	733.	2290.	1831.
1620.8640	306.	1609.	708.	2262.	1818.
1621.1950	324.	1760.	677.	2330.	1895.
1621.5260	332.	1711.	694.	2253.	1866.
1621.8570	317.	1664.	666.	2361.	1833.

1622.1880	313.	1734.	713.	2257.	1851.
1622.5180	288.	1611.	664.	2379.	1951.
1622.8490	332.	1623.	675.	2407.	1832.
1623.1800	286.	1707.	718.	2375.	1845.
1623.5110	307.	1610.	670.	2315.	1817.
1623.8420	287.	1658.	625.	2441.	1814.
1624.1720	319.	1691.	718.	2289.	1796.
1624.5030	305.	1572.	668.	2360.	1853.
1624.8340	295.	1653.	686.	2355.	1790.
1625.1640	296.	1646.	635.	2374.	1932.
1625.4950	289.	1659.	680.	2339.	1847.
1625.8260	268.	1694.	686.	2410.	1841.
1626.1560	267.	1634.	651.	2372.	1957.
1626.4870	252.	1610.	644.	2387.	1825.
1626.8180	274.	1625.	672.	2345.	2034.
1627.1480	282.	1594.	635.	2371.	1877.
1627.4790	245.	1625.	724.	2342.	1906.
1627.8090	289.	1578.	599.	2347.	1823.
1628.1400	243.	1713.	724.	2368.	1880.
1628.4700	251.	1678.	647.	2467.	1842.
1628.8010	222.	1615.	619.	2429.	1850.
1629.1310	260.	1647.	626.	2434.	1851.
1629.4610	267.	1579.	639.	2354.	1847.
1629.7920	270.	1601.	627.	2291.	1834.
1630.1220	266.	1564.	628.	2416.	1885.
1630.4520	285.	1670.	604.	2378.	1879.
1630.7830	284.	1656.	635.	2441.	1844.
1631.1130	296.	1591.	657.	2395.	1778.

1631.4430	258.	1624.	638.	2391.	1899.
1631.7740	258.	1589.	667.	2296.	1893.
1632.1040	251.	1599.	661.	2513.	1828.
1632.4340	234.	1547.	611.	2448.	1843.
1632.7640	288.	1470.	601.	2472.	1898.
1633.0940	227.	1522.	647.	2445.	1854.
1633.4250	244.	1596.	591.	2530.	1882.
1633.7550	267.	1603.	650.	2407.	1803.
1634.0850	212.	1571.	639.	2429.	1922.
1634.4150	237.	1574.	619.	2393.	1964.
1634.7450	258.	1573.	683.	2514.	1866.
1635.0750	240.	1526.	627.	2514.	1929.
1635.4050	266.	1588.	654.	2450.	1882.
1635.7350	212.	1492.	677.	2546.	1802.
1636.0650	224.	1526.	640.	2441.	1957.
1636.3950	253.	1554.	630.	2428.	1871.
1636.7250	198.	1539.	656.	2415.	1905.
1637.0550	220.	1555.	621.	2496.	1898.
1637.3850	246.	1511.	621.	2440.	1896.
1637.7150	208.	1510.	623.	2475.	1901.
1638.0440	209.	1500.	560.	2510.	1846.
1638.3740	190.	1533.	611.	2489.	1836.
1638.7040	259.	1573.	690.	2293.	1846.
1639.0340	217.	1546.	608.	2491.	1797.
1639.3640	215.	1620.	578.	2493.	1897.
1639.6930	205.	1472.	649.	2590.	1840.
1640.0230	229.	1501.	587.	2443.	1842.
1640.3530	224.	1499.	677.	2417.	1908.

1640.6830	198.	1548.	630.	2489.	1888.
1641.0120	235.	1541.	604.	2494.	1880.
1641.3420	174.	1455.	608.	2436.	1932.
1641.6710	194.	1545.	632.	2527.	1886.
1642.0010	221.	1565.	622.	2467.	1879.
1642.3310	182.	1509.	582.	2586.	1871.
1642.6600	224.	1502.	654.	2457.	1896.
1642.9900	220.	1516.	650.	2506.	1889.
1643.3190	194.	1538.	651.	2428.	1799.
1643.6490	185.	1511.	598.	2576.	1762.
1643.9780	199.	1530.	632.	2496.	1767.
1644.3080	185.	1504.	589.	2504.	1896.
1644.6370	189.	1511.	600.	2578.	1864.
1644.9660	190.	1556.	614.	2452.	1840.
1645.2960	175.	1589.	625.	2409.	1901.
1645.6250	188.	1589.	586.	2676.	1858.
1645.9550	177.	1462.	598.	2516.	1894.
1646.2840	191.	1494.	601.	2521.	1871.
1646.6130	215.	1491.	628.	2405.	1814.
1646.9420	175.	1452.	626.	2522.	1893.
1647.2720	171.	1485.	595.	2493.	1906.
1647.6010	191.	1495.	640.	2483.	1904.
1647.9300	200.	1518.	587.	2524.	1871.
1648.2590	200.	1560.	636.	2536.	1891.
1648.5890	184.	1489.	604.	2546.	1953.
1648.9180	214.	1462.	641.	2508.	1863.
1649.2470	180.	1514.	604.	2564.	1903.
1649.5760	204.	1492.	596.	2532.	1808.

1649.9050	178.	1483.	613.	2465.	1953.
1650.2340	148.	1451.	561.	2499.	1913.
1650.5630	171.	1465.	605.	2503.	1864.
1650.8920	215.	1509.	602.	2571.	1914.
1651.2210	176.	1526.	592.	2526.	1887.
1651.5500	168.	1567.	587.	2500.	1890.
1651.8790	185.	1452.	578.	2530.	1823.
1652.2080	164.	1509.	614.	2520.	1800.
1652.5370	198.	1485.	581.	2470.	1848.
1652.8660	158.	1469.	618.	2533.	1900.
1653.1950	198.	1517.	623.	2529.	1886.
1653.5240	152.	1489.	628.	2573.	1890.
1653.8520	166.	1449.	633.	2558.	1861.
1654.1810	181.	1524.	575.	2604.	1882.
1654.5100	158.	1482.	613.	2613.	1906.
1654.8390	150.	1495.	576.	2581.	1920.
1655.1680	201.	1443.	606.	2515.	1828.
1655.4960	185.	1442.	538.	2457.	1892.
1655.8250	148.	1459.	611.	2550.	1838.
1656.1540	171.	1424.	615.	2547.	1892.
1656.4820	182.	1418.	582.	2626.	1881.
1656.8110	140.	1416.	609.	2636.	1865.
1657.1400	164.	1471.	570.	2564.	1902.
1657.4680	148.	1423.	616.	2568.	1909.
1657.7970	176.	1485.	601.	2666.	1885.
1658.1250	152.	1467.	619.	2613.	1872.
1658.4540	169.	1442.	616.	2664.	1952.
1658.7830	193.	1446.	608.	2570.	1866.

1659.1110	166.	1384.	642.	2478.	1931.
1659.4400	150.	1475.	589.	2600.	1895.
1659.7680	177.	1397.	623.	2662.	1958.
1660.0960	161.	1481.	546.	2553.	1827.
1660.4250	179.	1492.	629.	2525.	1916.
1660.7530	139.	1480.	583.	2617.	1864.
1661.0820	149.	1381.	605.	2537.	1839.
1661.4100	142.	1503.	599.	2662.	1936.
1661.7380	196.	1521.	590.	2556.	1841.
1662.0670	160.	1402.	602.	2563.	1818.
1662.3950	172.	1445.	581.	2552.	1946.
1662.7230	152.	1402.	586.	2489.	1911.
1663.0510	168.	1379.	599.	2490.	1976.
1663.3800	155.	1431.	636.	2646.	1859.
1663.7080	171.	1393.	572.	2623.	1882.
1664.0360	170.	1430.	594.	2532.	1873.
1664.3640	188.	1403.	584.	2590.	1995.
1664.6920	171.	1448.	592.	2505.	1857.
1665.0200	150.	1401.	611.	2521.	1943.
1665.3490	177.	1408.	570.	2524.	1879.
1665.6770	170.	1417.	573.	2642.	1912.
1666.0050	174.	1412.	580.	2551.	1896.
1666.3330	157.	1437.	566.	2501.	1789.
1666.6610	198.	1425.	564.	2468.	1824.
1666.9890	165.	1381.	625.	2672.	1905.
1667.3170	158.	1477.	563.	2629.	1893.
1667.6450	127.	1396.	601.	2568.	1885.
1667.9730	148.	1373.	595.	2458.	1827.

1668.3000	169.	1376.	575.	2578.	1899.
1668.6280	129.	1334.	594.	2533.	1888.
1668.9560	138.	1439.	590.	2549.	1972.
1669.2840	159.	1380.	597.	2545.	1919.
1669.6120	160.	1480.	585.	2673.	1864.
1669.9400	176.	1332.	548.	2477.	1806.
1670.2670	186.	1374.	586.	2584.	1836.
1670.5950	153.	1390.	574.	2507.	1843.
1670.9230	165.	1335.	614.	2559.	1930.
1671.2510	172.	1381.	563.	2560.	1935.
1671.5780	152.	1352.	645.	2582.	1914.
1671.9060	147.	1384.	646.	2567.	1896.
1672.2340	148.	1465.	579.	2518.	1909.
1672.5610	136.	1392.	618.	2589.	1816.
1672.8890	131.	1371.	557.	2525.	1880.
1673.2170	175.	1437.	576.	2445.	1862.
1673.5440	120.	1455.	598.	2564.	1905.
1673.8720	151.	1427.	627.	2602.	1912.
1674.1990	142.	1415.	584.	2606.	1841.
1674.5270	131.	1356.	541.	2551.	1918.
1674.8540	155.	1383.	590.	2517.	1886.
1675.1820	124.	1303.	613.	2551.	1952.
1675.5090	133.	1358.	583.	2531.	1854.
1675.8370	178.	1344.	595.	2633.	1788.
1676.1640	152.	1451.	574.	2446.	1865.
1676.4910	157.	1400.	595.	2492.	1877.
1676.8190	151.	1463.	601.	2646.	1950.
1677.1460	165.	1413.	584.	2435.	1922.

1677.4730	161.	1299.	573.	2560.	1832.
1677.8010	158.	1440.	587.	2505.	1866.
1678.1280	141.	1381.	604.	2523.	1874.
1678.4550	155.	1392.	550.	2565.	1919.
1678.7820	136.	1287.	573.	2632.	1887.
1679.1100	159.	1336.	625.	2534.	1928.
1679.4370	164.	1355.	594.	2553.	1859.
1679.7640	191.	1395.	576.	2624.	1865.
1680.0910	180.	1381.	596.	2587.	1875.
1680.4180	159.	1325.	577.	2582.	1843.
1680.7450	140.	1400.	598.	2614.	1865.
1681.0730	153.	1404.	555.	2543.	1913.
1681.4000	146.	1400.	585.	2450.	1871.
1681.7270	130.	1387.	555.	2671.	1866.
1682.0540	127.	1406.	579.	2502.	1870.
1682.3810	163.	1345.	608.	2452.	1864.
1682.7080	117.	1397.	573.	2542.	1873.
1683.0350	135.	1335.	581.	2642.	1903.
1683.3620	146.	1357.	642.	2485.	1962.
1683.6880	154.	1416.	577.	2473.	1989.
1684.0150	156.	1340.	560.	2489.	1868.
1684.3420	157.	1322.	578.	2522.	1892.
1684.6690	152.	1419.	577.	2522.	1909.
1684.9960	127.	1328.	581.	2556.	1916.
1685.3230	158.	1283.	609.	2340.	1839.
1685.6500	149.	1414.	585.	2440.	1837.
1685.9760	151.	1342.	588.	2513.	1807.
1686.3030	167.	1355.	647.	2439.	1829.

1686.6300	173.	1376.	596.	2443.	1892.
1686.9570	128.	1309.	613.	2456.	1913.
1687.2830	119.	1441.	537.	2462.	1865.
1687.6100	133.	1330.	556.	2518.	1931.
1687.9370	166.	1271.	608.	2529.	1933.
1688.2630	145.	1455.	581.	2427.	1912.
1688.5900	145.	1269.	572.	2495.	1965.
1688.9160	160.	1317.	613.	2460.	1862.
1689.2430	135.	1375.	578.	2407.	1896.
1689.5690	154.	1380.	538.	2401.	1922.
1689.8960	172.	1344.	586.	2369.	1971.
1690.2220	132.	1343.	588.	2385.	1840.
1690.5490	155.	1328.	562.	2388.	1962.
1690.8750	150.	1343.	573.	2464.	1961.
1691.2020	142.	1340.	578.	2423.	1791.
1691.5280	135.	1294.	548.	2507.	1908.
1691.8550	158.	1346.	601.	2408.	1872.
1692.1810	154.	1358.	609.	2473.	1823.
1692.5070	140.	1385.	601.	2415.	1853.
1692.8340	168.	1312.	560.	2328.	1926.
1693.1600	151.	1288.	575.	2494.	1822.
1693.4860	120.	1342.	571.	2385.	1973.
1693.8130	110.	1325.	592.	2427.	1851.
1694.1390	152.	1313.	535.	2465.	1872.
1694.4650	155.	1320.	570.	2466.	1874.
1694.7910	119.	1326.	559.	2457.	1801.
1695.1170	120.	1299.	541.	2428.	1841.
1695.4440	103.	1342.	598.	2450.	1932.

1695.7700	147.	1301.	597.	2311.	1923.
1696.0960	154.	1306.	571.	2412.	1842.
1696.4220	150.	1304.	566.	2441.	1822.
1696.7480	170.	1316.	551.	2464.	1903.
1697.0740	146.	1348.	576.	2344.	1801.
1697.4000	127.	1369.	563.	2380.	1843.
1697.7260	121.	1298.	586.	2333.	1853.
1698.0520	137.	1389.	554.	2445.	1971.
1698.3780	124.	1277.	570.	2453.	1917.
1698.7040	137.	1289.	533.	2404.	1841.
1699.0300	143.	1283.	555.	2442.	1867.
1699.3560	125.	1333.	559.	2390.	1821.
1699.6820	154.	1324.	532.	2293.	1863.
1700.0080	122.	1247.	542.	2336.	1814.
1700.3340	154.	1388.	571.	2429.	1846.
1700.6590	141.	1322.	577.	2446.	1912.
1700.9850	134.	1279.	578.	2345.	1892.
1701.3110	155.	1321.	563.	2345.	1885.
1701.6370	116.	1303.	588.	2291.	1912.
1701.9630	147.	1310.	571.	2272.	1893.
1702.2880	121.	1338.	612.	2323.	1912.
1702.6140	123.	1346.	583.	2301.	1797.
1702.9400	127.	1282.	574.	2431.	1826.
1703.2650	161.	1270.	577.	2332.	1886.
1703.5910	149.	1269.	555.	2240.	1909.
1703.9170	149.	1263.	552.	2345.	1841.
1704.2420	144.	1259.	553.	2302.	1824.
1704.5680	140.	1328.	559.	2258.	1908.

1704.8930	152.	1253.	561.	2359.	1855.
1705.2190	138.	1317.	533.	2314.	1881.
1705.5440	144.	1250.	537.	2200.	1862.
1705.8700	127.	1254.	535.	2298.	1840.
1706.1950	118.	1301.	583.	2235.	1863.
1706.5210	131.	1312.	528.	2216.	1885.
1706.8460	134.	1285.	557.	2187.	1899.
1707.1720	117.	1314.	550.	2222.	1906.
1707.4970	126.	1252.	556.	2297.	1839.
1707.8220	130.	1247.	571.	2193.	1907.
1708.1480	179.	1271.	571.	2264.	1822.
1708.4730	131.	1287.	537.	2236.	1918.
1708.7980	130.	1322.	598.	2262.	1875.
1709.1240	134.	1262.	549.	2259.	1863.
1709.4490	138.	1282.	563.	2190.	1871.
1709.7740	123.	1217.	570.	2190.	1879.
1710.0990	137.	1315.	521.	2195.	1831.
1710.4250	125.	1277.	573.	2234.	1851.
1710.7500	131.	1289.	570.	2238.	1958.
1711.0750	142.	1336.	580.	2215.	1862.
1711.4000	139.	1360.	531.	2184.	1925.
1711.7250	148.	1208.	574.	2172.	1853.
1712.0500	98.	1234.	599.	2193.	1888.
1712.3750	140.	1269.	507.	2247.	1850.
1712.7000	131.	1316.	498.	2212.	1885.
1713.0250	116.	1248.	542.	2216.	1815.
1713.3500	130.	1277.	590.	2214.	1904.
1713.6750	151.	1262.	581.	2239.	1874.

1714.0000	140.	1264.	559.	2188.	1923.
1714.3250	127.	1286.	532.	2080.	1874.
1714.6500	139.	1326.	578.	2157.	1887.
1714.9750	138.	1240.	546.	2162.	1927.
1715.3000	124.	1345.	592.	2076.	1906.
1715.6250	110.	1280.	601.	2206.	1968.
1715.9500	147.	1268.	562.	2201.	1869.
1716.2750	162.	1289.	522.	2181.	1776.
1716.5990	129.	1268.	576.	2039.	1817.
1716.9240	120.	1210.	523.	2187.	1848.
1717.2490	144.	1316.	557.	2086.	1855.
1717.5740	122.	1216.	547.	2199.	1863.
1717.8980	118.	1268.	577.	2081.	1898.
1718.2230	119.	1297.	561.	2080.	1867.
1718.5480	111.	1256.	538.	2122.	1873.
1718.8730	164.	1234.	565.	2055.	1878.
1719.1970	117.	1228.	515.	2065.	1854.
1719.5220	123.	1317.	554.	2065.	1869.
1719.8460	115.	1248.	562.	2107.	1883.
1720.1710	156.	1321.	580.	2049.	1901.
1720.4950	120.	1222.	550.	2082.	1837.
1720.8200	132.	1249.	537.	2125.	1821.
1721.1450	138.	1272.	569.	2088.	1884.
1721.4690	133.	1220.	623.	1929.	1855.
1721.7940	141.	1210.	553.	2176.	1848.
1722.1180	118.	1216.	542.	2025.	1910.
1722.4420	123.	1219.	568.	2039.	1945.
1722.7670	125.	1280.	548.	2032.	1916.

1723.0910	140.	1240.	499.	2002.	1869.
1723.4160	133.	1251.	531.	2062.	1837.
1723.7400	130.	1205.	546.	1930.	1868.
1724.0640	121.	1272.	567.	2019.	1880.
1724.3890	142.	1170.	511.	2099.	1857.
1724.7130	124.	1185.	548.	1970.	1831.
1725.0370	113.	1307.	557.	2054.	1783.
1725.3610	120.	1221.	580.	1993.	1828.
1725.6860	140.	1248.	567.	2055.	1858.
1726.0100	140.	1257.	580.	2044.	1812.
1726.3340	175.	1243.	549.	2005.	1879.
1726.6580	100.	1250.	505.	1992.	1855.
1726.9820	133.	1213.	510.	1971.	1782.
1727.3060	141.	1227.	591.	1945.	1880.
1727.6300	149.	1220.	594.	1928.	1919.
1727.9540	128.	1198.	554.	1897.	1830.
1728.2790	136.	1205.	540.	1965.	1854.
1728.6030	162.	1250.	511.	1961.	1871.
1728.9270	124.	1252.	544.	1937.	1775.
1729.2510	113.	1242.	584.	1942.	1908.
1729.5750	117.	1202.	569.	1922.	1832.
1729.8990	151.	1187.	568.	1965.	1843.
1730.2220	120.	1219.	546.	1849.	1845.
1730.5460	127.	1220.	512.	1979.	1816.
1730.8700	131.	1258.	532.	1946.	1809.
1731.1940	154.	1239.	613.	1935.	1882.
1731.5180	127.	1248.	575.	1833.	1852.
1731.8420	127.	1229.	540.	2017.	1795.

1732.1660	120.	1249.	549.	1921.	1842.
1732.4890	122.	1219.	503.	2017.	1764.
1732.8130	152.	1215.	536.	1844.	1897.
1733.1370	153.	1312.	535.	1911.	1830.
1733.4610	126.	1226.	564.	1888.	1888.
1733.7840	125.	1271.	506.	1905.	1907.
1734.1080	136.	1301.	555.	1917.	1840.
1734.4320	144.	1218.	522.	1957.	1895.
1734.7550	148.	1222.	588.	1860.	1821.
1735.0790	135.	1235.	577.	1870.	1900.
1735.4020	133.	1176.	557.	1822.	1768.
1735.7260	132.	1244.	581.	1815.	1844.
1736.0500	123.	1225.	524.	1847.	1810.
1736.3730	151.	1191.	515.	1827.	1881.
1736.6970	133.	1282.	552.	1847.	1844.
1737.0200	162.	1206.	545.	1831.	1848.
1737.3440	122.	1234.	525.	1839.	1801.
1737.6670	141.	1208.	506.	1836.	1786.
1737.9900	107.	1268.	564.	1800.	1819.
1738.3140	133.	1267.	514.	1785.	1771.
1738.6370	134.	1218.	529.	1754.	1799.
1738.9610	134.	1220.	528.	1827.	1778.
1739.2840	129.	1194.	526.	1836.	1815.
1739.6070	152.	1232.	544.	1751.	1795.
1739.9310	123.	1252.	581.	1743.	1918.
1740.2540	118.	1332.	535.	1746.	1850.
1740.5770	146.	1247.	527.	1707.	1774.
1740.9000	111.	1198.	565.	1774.	1834.

1741.2240	123.	1198.	571.	1662.	1890.
1741.5470	137.	1192.	554.	1797.	1772.
1741.8700	145.	1196.	523.	1776.	1851.
1742.1930	144.	1215.	586.	1774.	1780.
1742.5160	132.	1241.	544.	1661.	1807.
1742.8390	141.	1245.	523.	1746.	1851.
1743.1630	103.	1288.	549.	1749.	1857.
1743.4860	140.	1204.	534.	1768.	1786.
1743.8090	123.	1209.	514.	1793.	1875.
1744.1320	140.	1190.	576.	1637.	1735.
1744.4550	128.	1178.	518.	1676.	1916.
1744.7780	111.	1244.	471.	1734.	1745.
1745.1010	108.	1163.	546.	1715.	1767.
1745.4240	113.	1204.	529.	1708.	1836.
1745.7470	118.	1170.	545.	1716.	1795.
1746.0690	144.	1226.	554.	1627.	1779.
1746.3920	108.	1257.	564.	1649.	1797.
1746.7150	101.	1242.	508.	1681.	1803.
1747.0380	132.	1242.	549.	1678.	1809.
1747.3610	90.	1230.	570.	1715.	1861.
1747.6840	125.	1138.	529.	1668.	1901.
1748.0060	121.	1192.	572.	1621.	1828.
1748.3290	114.	1157.	542.	1700.	1935.
1748.6520	118.	1245.	514.	1672.	1848.
1748.9750	127.	1256.	502.	1611.	1825.
1749.2970	122.	1104.	526.	1650.	1732.
1749.6200	90.	1135.	531.	1553.	1935.
1749.9430	60.	1148.	504.	1562.	1848.

1750.2650	137.	1205.	517.	1685.	1825.
1750.5880	125.	1250.	563.	1650.	1817.
1750.9110	130.	1174.	557.	1683.	1881.
1751.2330	115.	1228.	544.	1621.	1876.
1751.5560	135.	1151.	506.	1657.	1797.
1751.8780	127.	1242.	476.	1690.	1766.
1752.2010	129.	1202.	538.	1606.	1810.
1752.5230	133.	1204.	543.	1570.	1926.
1752.8460	119.	1124.	527.	1622.	1778.
1753.1680	101.	1132.	571.	1650.	1840.
1753.4910	95.	1223.	550.	1599.	1787.
1753.8130	143.	1148.	522.	1584.	1883.
1754.1350	127.	1250.	550.	1623.	1764.
1754.4580	132.	1272.	523.	1645.	1825.
1754.7800	123.	1232.	527.	1621.	1789.
1755.1020	126.	1217.	568.	1592.	1745.
1755.4250	136.	1244.	523.	1589.	1807.
1755.7470	130.	1095.	525.	1550.	1856.
1756.0690	138.	1183.	520.	1634.	1858.
1756.3920	127.	1242.	511.	1546.	1793.
1756.7140	100.	1156.	540.	1567.	1786.
1757.0360	98.	1229.	546.	1600.	1785.
1757.3580	125.	1209.	578.	1466.	1848.
1757.6800	149.	1182.	498.	1573.	1764.
1758.0030	133.	1142.	552.	1583.	1763.
1758.3250	128.	1225.	522.	1587.	1834.
1758.6470	152.	1139.	585.	1554.	1797.
1758.9690	119.	1174.	570.	1558.	1796.

1759.2910	133.	1242.	570.	1495.	1828.
1759.6130	122.	1183.	567.	1475.	1782.
1759.9350	127.	1129.	505.	1525.	1878.
1760.2570	146.	1194.	579.	1526.	1780.
1760.5790	112.	1148.	512.	1524.	1804.
1760.9010	143.	1135.	537.	1500.	1880.
1761.2230	125.	1133.	495.	1551.	1782.
1761.5450	120.	1126.	555.	1568.	1795.
1761.8670	141.	1177.	532.	1573.	1812.
1762.1880	98.	1175.	540.	1459.	1802.
1762.5100	116.	1175.	502.	1563.	1898.
1762.8320	126.	1244.	553.	1469.	1829.
1763.1540	131.	1145.	564.	1528.	1772.
1763.4760	127.	1197.	547.	1526.	1722.
1763.7980	100.	1137.	556.	1580.	1817.
1764.1190	125.	1233.	546.	1436.	1817.
1764.4410	129.	1153.	495.	1550.	1781.
1764.7630	130.	1163.	558.	1539.	1776.
1765.0840	117.	1169.	495.	1440.	1871.
1765.4060	134.	1125.	506.	1487.	1836.
1765.7280	113.	1160.	569.	1486.	1801.
1766.0490	114.	1157.	552.	1525.	1778.
1766.3710	121.	1177.	512.	1496.	1786.
1766.6930	136.	1232.	562.	1490.	1766.
1767.0140	138.	1161.	553.	1545.	1788.
1767.3360	116.	1187.	494.	1481.	1830.
1767.6570	134.	1198.	546.	1473.	1872.
1767.9790	113.	1226.	576.	1469.	1712.

1768.3000	129.	1202.	509.	1355.	1841.
1768.6220	115.	1171.	536.	1510.	1734.
1768.9430	115.	1175.	560.	1496.	1746.
1769.2640	148.	1132.	524.	1462.	1819.
1769.5860	152.	1211.	543.	1350.	1834.
1769.9070	128.	1156.	499.	1463.	1726.
1770.2290	123.	1155.	514.	1380.	1785.
1770.5500	145.	1229.	503.	1360.	1703.
1770.8710	110.	1170.	569.	1436.	1753.
1771.1920	122.	1190.	499.	1458.	1809.
1771.5140	121.	1141.	546.	1409.	1756.
1771.8350	110.	1115.	513.	1393.	1697.
1772.1560	125.	1166.	547.	1394.	1808.
1772.4770	130.	1124.	474.	1419.	1708.
1772.7990	112.	1138.	525.	1475.	1820.
1773.1200	111.	1174.	496.	1379.	1758.
1773.4410	132.	1205.	485.	1453.	1750.
1773.7620	106.	1170.	515.	1405.	1767.
1774.0830	110.	1203.	511.	1440.	1823.
1774.4040	110.	1163.	524.	1378.	1764.
1774.7250	134.	1134.	542.	1482.	1886.
1775.0460	122.	1163.	537.	1336.	1830.
1775.3670	142.	1214.	563.	1427.	1809.
1775.6880	112.	1181.	494.	1452.	1820.
1776.0090	141.	1148.	517.	1360.	1664.
1776.3300	129.	1104.	571.	1296.	1887.
1776.6510	117.	1151.	539.	1382.	1798.
1776.9720	142.	1160.	498.	1385.	1829.

1777.2930	137.	1211.	475.	1448.	1816.
1777.6140	139.	1219.	472.	1430.	1765.
1777.9350	88.	1163.	538.	1413.	1762.
1778.2560	108.	1108.	574.	1333.	1762.
1778.5770	123.	1174.	563.	1370.	1788.
1778.8970	101.	1124.	497.	1371.	1830.
1779.2180	117.	1229.	497.	1322.	1809.
1779.5390	122.	1189.	538.	1406.	1782.
1779.8600	84.	1110.	518.	1428.	1794.
1780.1800	129.	1201.	514.	1379.	1793.
1780.5010	124.	1170.	533.	1364.	1720.
1780.8220	117.	1244.	494.	1368.	1807.
1781.1420	155.	1211.	514.	1349.	1699.
1781.4630	152.	1152.	502.	1351.	1851.
1781.7840	116.	1167.	507.	1377.	1857.
1782.1040	105.	1205.	488.	1293.	1729.
1782.4250	139.	1165.	461.	1348.	1725.
1782.7450	135.	1188.	502.	1342.	1775.
1783.0660	122.	1119.	510.	1349.	1763.
1783.3860	110.	1112.	515.	1378.	1768.
1783.7070	122.	1120.	506.	1315.	1748.
1784.0270	140.	1119.	520.	1300.	1787.
1784.3480	125.	1104.	493.	1355.	1818.
1784.6680	100.	1266.	515.	1303.	1742.
1784.9890	149.	1113.	495.	1334.	1811.
1785.3090	127.	1154.	492.	1320.	1797.
1785.6290	132.	1150.	497.	1392.	1762.
1785.9500	114.	1173.	494.	1271.	1800.

1786.2700	107.	1107.	541.	1343.	1731.
1786.5900	139.	1156.	504.	1366.	1814.
1786.9110	114.	1173.	491.	1354.	1782.
1787.2310	111.	1143.	459.	1334.	1757.
1787.5510	125.	1078.	528.	1278.	1713.
1787.8710	153.	1210.	515.	1247.	1739.
1788.1910	128.	1124.	517.	1355.	1706.
1788.5120	125.	1084.	510.	1383.	1684.
1788.8320	108.	1138.	505.	1284.	1764.
1789.1520	134.	1132.	507.	1324.	1772.
1789.4720	124.	1142.	537.	1283.	1704.
1789.7920	67.	1147.	540.	1156.	1806.
1790.1120	123.	1184.	526.	1326.	1817.
1790.4320	164.	1118.	526.	1378.	1783.
1790.7520	133.	1146.	519.	1280.	1751.
1791.0720	123.	1108.	498.	1321.	1729.
1791.3920	135.	1090.	584.	1242.	1702.
1791.7120	123.	1205.	509.	1301.	1771.
1792.0320	140.	1156.	520.	1280.	1757.
1792.3520	116.	1138.	520.	1313.	1687.
1792.6720	144.	1166.	540.	1277.	1729.
1792.9920	116.	1134.	471.	1377.	1720.
1793.3120	102.	1159.	502.	1319.	1742.
1793.6320	116.	1161.	530.	1328.	1789.
1793.9520	130.	1170.	500.	1304.	1786.
1794.2710	100.	1156.	502.	1274.	1769.
1794.5910	128.	1125.	515.	1310.	1734.
1794.9110	136.	1142.	535.	1309.	1834.

1795.2310	133.	1121.	504.	1310.	1751.
1795.5500	119.	1127.	519.	1312.	1796.
1795.8700	144.	1149.	552.	1244.	1711.
1796.1900	119.	1176.	542.	1258.	1651.
1796.5090	140.	1096.	486.	1330.	1766.
1796.8290	148.	1160.	508.	1271.	1742.
1797.1490	131.	1190.	496.	1278.	1777.
1797.4680	144.	1160.	506.	1272.	1687.
1797.7880	136.	1179.	510.	1263.	1761.
1798.1070	131.	1132.	479.	1275.	1739.
1798.4270	140.	1089.	553.	1270.	1774.
1798.7460	142.	1232.	500.	1282.	1787.
1799.0660	116.	1066.	481.	1275.	1786.
1799.3850	141.	1187.	485.	1283.	1787.
1799.7050	137.	1189.	500.	1331.	1846.
1800.0240	126.	1173.	521.	1291.	1745.
1800.3440	115.	1165.	530.	1242.	1794.
1800.6630	128.	1148.	496.	1305.	1818.
1800.9830	124.	1200.	505.	1332.	1721.
1801.3020	119.	1157.	478.	1204.	1679.
1801.6210	124.	1053.	475.	1253.	1676.
1801.9410	118.	1195.	524.	1212.	1754.
1802.2600	137.	1121.	489.	1234.	1831.
1802.5790	132.	1218.	521.	1282.	1797.
1802.8980	129.	1111.	503.	1225.	1766.
1803.2180	89.	1115.	472.	1250.	1751.
1803.5370	105.	1178.	524.	1203.	1753.
1803.8560	131.	1214.	497.	1240.	1696.

1804.1750	130.	1211.	516.	1194.	1813.
1804.4940	143.	1196.	500.	1280.	1671.
1804.8130	148.	1113.	543.	1259.	1704.
1805.1330	139.	1137.	555.	1255.	1771.
1805.4520	104.	1122.	511.	1275.	1715.
1805.7710	130.	1121.	524.	1205.	1755.
1806.0900	137.	1172.	497.	1203.	1640.
1806.4090	121.	1158.	564.	1236.	1738.
1806.7280	133.	1109.	522.	1226.	1660.
1807.0470	119.	1125.	516.	1199.	1808.
1807.3660	116.	1193.	498.	1176.	1898.
1807.6850	113.	1150.	481.	1305.	1725.
1808.0040	106.	1164.	496.	1281.	1716.
1808.3220	118.	1097.	495.	1202.	1795.
1808.6410	125.	1083.	505.	1232.	1777.
1808.9600	141.	1089.	497.	1239.	1829.
1809.2790	118.	1103.	504.	1212.	1751.
1809.5980	127.	1074.	488.	1255.	1742.
1809.9170	131.	1146.	516.	1226.	1818.
1810.2350	127.	1209.	524.	1108.	1760.
1810.5540	140.	1124.	530.	1313.	1771.
1810.8730	114.	1212.	494.	1192.	1789.
1811.1920	112.	1156.	543.	1242.	1738.
1811.5100	108.	1169.	508.	1206.	1765.
1811.8290	134.	1056.	539.	1247.	1804.
1812.1480	124.	1145.	490.	1225.	1765.
1812.4660	121.	1152.	504.	1233.	1721.
1812.7850	111.	1111.	486.	1161.	1744.

(C) FT-IR analysis

Wavelength (cm-1)	ZnO-GO	TiO2- GO	GO	ZnO- CNT	TiO2- CNT	CNT
4000	92.94	92.87	87.78	84.3	67.51	65.73
3999	92.93	92.87	87.78	84.29	67.5	65.72
3998	92.93	92.88	87.78	84.29	67.5	65.71
3997	92.93	92.88	87.77	84.28	67.5	65.7
3996	92.93	92.88	87.77	84.28	67.49	65.69
3995	92.94	92.88	87.76	84.29	67.48	65.68
3994	92.95	92.88	87.75	84.29	67.47	65.67
3993	92.95	92.88	87.76	84.29	67.47	65.67
3992	92.96	92.88	87.76	84.3	67.48	65.67
3991	92.95	92.88	87.77	84.29	67.48	65.66
3990	92.95	92.88	87.78	84.29	67.48	65.66
3989	92.94	92.88	87.78	84.28	67.47	65.65
3988	92.93	92.88	87.79	84.27	67.47	65.65
3987	92.92	92.87	87.79	84.27	67.47	65.64
3986	92.92	92.87	87.8	84.27	67.46	65.63
3985	92.93	92.88	87.81	84.28	67.46	65.63
3984	92.93	92.88	87.81	84.28	67.45	65.63
3983	92.94	92.89	87.82	84.28	67.45	65.63
3982	92.94	92.9	87.82	84.28	67.44	65.63
3981	92.94	92.91	87.82	84.28	67.44	65.63
3980	92.95	92.92	87.82	84.27	67.44	65.62
3979	92.95	92.91	87.81	84.27	67.44	65.62
3978	92.95	92.9	87.81	84.26	67.44	65.62
3977	92.95	92.89	87.81	84.26	67.44	65.61
3976	92.95	92.89	87.82	84.25	67.44	65.61
3975	92.95	92.88	87.83	84.26	67.44	65.6
3974	92.95	92.89	87.84	84.26	67.43	65.59
3973	92.95	92.9	87.85	84.27	67.43	65.59
3972	92.94	92.91	87.85	84.27	67.43	65.59
3971	92.95	92.92	87.85	84.27	67.43	65.58
3970	92.95	92.92	87.85	84.26	67.43	65.57
3969	92.95	92.91	87.85	84.26	67.42	65.57
3968	92.96	92.91	87.85	84.25	67.41	65.56
3967	92.97	92.9	87.85	84.25	67.41	65.56
3966	92.97	92.9	87.85	84.24	67.4	65.56
3965	92.98	92.89	87.86	84.24	67.4	65.56
3964	92.98	92.88	87.86	84.24	67.4	65.55
3963	92.98	92.88	87.87	84.25	67.4	65.55
3962	92.98	92.88	87.87	84.26	67.4	65.55
3961	92.99	92.89	87.87	84.26	67.4	65.55
3960	92.99	92.9	87.87	84.26	67.4	65.54
3959	93	92.91	87.87	84.25	67.39	65.53
3958	93	92.91	87.87	84.25	67.39	65.52
3957	93	92.91	87.87	84.24	67.38	65.52
3956	93	92.91	87.87	84.25	67.38	65.51
3955	93	92.9	87.87	84.25	67.37	65.51
3954	93	92.89	87.87	84.25	67.36	65.51
3953	93	92.89	87.87	84.25	67.35	65.51

3952	93	92.89	87.88	84.25	67.34	65.51
3951	93	92.9	87.88	84.25	67.34	65.51
3950	93	92.91	87.89	84.25	67.34	65.51
3949	93	92.91	87.89	84.25	67.34	65.5
3948	93	92.91	87.9	84.24	67.34	65.49
3947	93	92.91	87.9	84.24	67.34	65.48
3946	93.01	92.91	87.9	84.25	67.34	65.48
3945	93.01	92.92	87.91	84.25	67.34	65.47
3944	93.01	92.93	87.92	84.25	67.33	65.47
3943	93.01	92.94	87.93	84.24	67.32	65.46
3942	93	92.93	87.94	84.24	67.32	65.46
3941	93	92.93	87.95	84.24	67.33	65.45
3940	92.99	92.92	87.94	84.24	67.34	65.45
3939	92.99	92.93	87.94	84.23	67.34	65.45
3938	92.98	92.94	87.94	84.21	67.33	65.44
3937	92.98	92.95	87.94	84.2	67.32	65.44
3936	92.99	92.94	87.94	84.21	67.31	65.44
3935	93	92.93	87.94	84.22	67.31	65.43
3934	93.02	92.93	87.95	84.23	67.31	65.43
3933	93.03	92.93	87.95	84.23	67.31	65.43
3932	93.03	92.93	87.96	84.24	67.31	65.42
3931	93.03	92.94	87.96	84.24	67.31	65.42
3930	93.03	92.94	87.97	84.23	67.3	65.41
3929	93.03	92.93	87.97	84.22	67.29	65.4
3928	93.03	92.93	87.98	84.22	67.28	65.4
3927	93.03	92.92	87.98	84.22	67.28	65.39
3926	93.03	92.92	87.98	84.22	67.27	65.38
3925	93.03	92.92	87.97	84.22	67.26	65.37
3924	93.03	92.91	87.97	84.22	67.26	65.37
3923	93.04	92.91	87.97	84.22	67.27	65.37
3922	93.04	92.92	87.97	84.22	67.28	65.37
3921	93.05	92.93	87.97	84.22	67.27	65.37
3920	93.06	92.94	87.98	84.22	67.26	65.37
3919	93.06	92.93	88	84.22	67.26	65.36
3918	93.05	92.92	88	84.22	67.27	65.36
3917	93.05	92.92	88.01	84.22	67.27	65.36
3916	93.04	92.92	88	84.21	67.27	65.35
3915	93.04	92.94	88	84.21	67.28	65.34
3914	93.04	92.96	88	84.21	67.29	65.33
3913	93.03	92.98	88	84.2	67.29	65.33
3912	93.02	93	88	84.19	67.28	65.32
3911	93.02	93.01	88	84.18	67.26	65.32
3910	93.03	92.99	88.01	84.17	67.25	65.32
3909	93.04	92.96	88.01	84.16	67.23	65.32
3908	93.07	92.93	88.02	84.16	67.21	65.33

3907	93.1	92.9	88.01	84.17	67.19	65.33
3906	93.13	92.88	88.01	84.19	67.16	65.34
3905	93.16	92.87	88.01	84.2	67.13	65.34
3904	93.17	92.85	88.02	84.21	67.12	65.34
3903	93.18	92.84	88.03	84.22	67.14	65.34
3902	93.18	92.83	88.03	84.24	67.18	65.34
3901	93.18	92.85	88.04	84.25	67.21	65.32
3900	93.17	92.88	88.05	84.24	67.22	65.3
3899	93.16	92.9	88.07	84.22	67.2	65.29
3898	93.14	92.92	88.08	84.2	67.19	65.29
3897	93.12	92.93	88.09	84.18	67.19	65.28
3896	93.12	92.95	88.1	84.17	67.18	65.28
3895	93.11	92.95	88.1	84.17	67.18	65.28
3894	93.11	92.96	88.1	84.17	67.19	65.27
3893	93.1	92.97	88.1	84.17	67.2	65.27
3892	93.1	92.98	88.09	84.17	67.18	65.26
3891	93.1	92.97	88.09	84.16	67.14	65.26
3890	93.12	92.94	88.1	84.16	67.11	65.26
3889	93.13	92.91	88.1	84.17	67.14	65.27
3888	93.13	92.91	88.1	84.18	67.18	65.26
3887	93.14	92.93	88.1	84.18	67.19	65.25
3886	93.14	92.95	88.12	84.17	67.16	65.24
3885	93.15	92.95	88.13	84.17	67.12	65.23
3884	93.15	92.93	88.14	84.19	67.12	65.23
3883	93.15	92.92	88.15	84.21	67.15	65.22
3882	93.14	92.94	88.15	84.2	67.17	65.21
3881	93.13	92.97	88.15	84.18	67.16	65.2
3880	93.11	92.98	88.16	84.16	67.13	65.2
3879	93.1	92.96	88.17	84.15	67.12	65.2
3878	93.09	92.93	88.17	84.15	67.13	65.21
3877	93.1	92.92	88.17	84.16	67.15	65.2
3876	93.12	92.93	88.18	84.17	67.13	65.2
3875	93.14	92.94	88.18	84.16	67.09	65.2
3874	93.15	92.91	88.19	84.15	67.05	65.2
3873	93.16	92.88	88.19	84.15	67.07	65.2
3872	93.17	92.87	88.19	84.17	67.11	65.2
3871	93.18	92.89	88.19	84.16	67.11	65.18
3870	93.18	92.93	88.2	84.14	67.06	65.17
3869	93.19	92.94	88.2	84.13	67.03	65.16
3868	93.19	92.92	88.19	84.14	67.06	65.16
3867	93.19	92.92	88.19	84.15	67.1	65.16
3866	93.2	92.94	88.19	84.15	67.1	65.15
3865	93.19	92.97	88.21	84.14	67.08	65.14
3864	93.17	92.99	88.22	84.13	67.07	65.14
3863	93.14	93	88.24	84.14	67.08	65.14

3862	93.12	93	88.24	84.14	67.09	65.15
3861	93.12	93.01	88.24	84.13	67.08	65.15
3860	93.13	93	88.24	84.12	67.07	65.14
3859	93.15	92.98	88.24	84.11	67.05	65.14
3858	93.19	92.94	88.24	84.11	67.02	65.15
3857	93.25	92.88	88.25	84.12	66.99	65.16
3856	93.31	92.84	88.24	84.14	66.98	65.17
3855	93.35	92.85	88.24	84.14	67	65.16
3854	93.35	92.91	88.24	84.13	67	65.14
3853	93.36	92.94	88.25	84.13	66.91	65.12
3852	93.37	92.94	88.25	84.13	66.83	65.11
3851	93.35	92.95	88.25	84.13	66.87	65.11
3850	93.3	93.01	88.26	84.12	66.95	65.09
3849	93.24	93.07	88.27	84.1	67.02	65.07
3848	93.19	93.09	88.28	84.09	67.07	65.06
3847	93.16	93.09	88.29	84.09	67.08	65.06
3846	93.14	93.07	88.3	84.09	67.08	65.06
3845	93.14	93.04	88.31	84.09	67.06	65.07
3844	93.15	93.01	88.32	84.09	67.02	65.08
3843	93.16	92.97	88.33	84.09	66.99	65.09
3842	93.18	92.94	88.33	84.1	66.98	65.1
3841	93.21	92.92	88.34	84.11	66.99	65.1
3840	93.25	92.92	88.34	84.12	67	65.09
3839	93.28	92.94	88.33	84.11	67.01	65.08
3838	93.29	92.96	88.33	84.1	66.99	65.07
3837	93.29	92.97	88.34	84.09	66.97	65.06
3836	93.29	92.98	88.33	84.09	66.96	65.06
3835	93.27	93	88.33	84.08	66.99	65.05
3834	93.25	93.03	88.34	84.08	67.02	65.04
3833	93.22	93.06	88.35	84.08	67.04	65.02
3832	93.19	93.08	88.37	84.08	67.03	65.01
3831	93.17	93.09	88.38	84.08	67.02	65
3830	93.16	93.09	88.4	84.09	67.02	64.99
3829	93.15	93.09	88.4	84.09	67.04	64.99
3828	93.13	93.1	88.4	84.09	67.04	64.98
3827	93.13	93.1	88.41	84.08	67.02	64.98
3826	93.13	93.08	88.41	84.07	66.99	64.99
3825	93.14	93.04	88.42	84.07	66.98	65
3824	93.17	93	88.42	84.08	66.99	65.01
3823	93.19	92.99	88.42	84.09	66.99	65
3822	93.21	93.01	88.42	84.08	66.96	65
3821	93.23	93.01	88.43	84.06	66.9	64.99
3820	93.25	92.98	88.44	84.06	66.88	64.98
3819	93.27	92.95	88.44	84.07	66.94	64.98
3818	93.28	92.98	88.44	84.07	67	64.97

3817	93.28	93.05	88.45	84.05	67	64.95
3816	93.27	93.11	88.47	84.03	66.95	64.94
3815	93.25	93.14	88.48	84.02	66.92	64.94
3814	93.23	93.14	88.48	84.03	66.95	64.94
3813	93.21	93.15	88.48	84.04	66.98	64.93
3812	93.2	93.16	88.49	84.02	66.99	64.92
3811	93.19	93.15	88.5	84.01	66.99	64.91
3810	93.18	93.12	88.52	84.01	67	64.91
3809	93.16	93.11	88.53	84.02	67.02	64.91
3808	93.17	93.11	88.54	84.02	67	64.9
3807	93.19	93.11	88.54	84	66.94	64.9
3806	93.23	93.09	88.53	84	66.88	64.9
3805	93.26	93.05	88.52	84.01	66.89	64.91
3804	93.29	93.04	88.51	84.04	66.93	64.91
3803	93.29	93.08	88.51	84.05	66.94	64.89
3802	93.27	93.13	88.52	84.03	66.91	64.88
3801	93.25	93.14	88.53	84.03	66.85	64.87
3800	93.24	93.11	88.53	84.03	66.85	64.87
3799	93.23	93.09	88.53	84.04	66.9	64.87
3798	93.22	93.11	88.54	84.04	66.94	64.86
3797	93.2	93.15	88.56	84.02	66.95	64.84
3796	93.17	93.18	88.58	84	66.95	64.83
3795	93.13	93.18	88.59	84	66.97	64.82
3794	93.11	93.18	88.6	84.01	66.99	64.81
3793	93.1	93.18	88.61	84.01	67.01	64.8
3792	93.1	93.19	88.61	84.01	67.01	64.8
3791	93.09	93.2	88.62	84	67.01	64.8
3790	93.08	93.21	88.63	84	67	64.8
3789	93.07	93.2	88.63	84	66.99	64.8
3788	93.08	93.2	88.63	83.99	66.98	64.8
3787	93.08	93.2	88.63	83.99	66.98	64.79
3786	93.09	93.2	88.63	83.99	66.97	64.78
3785	93.09	93.21	88.63	83.99	66.95	64.78
3784	93.1	93.21	88.63	83.99	66.94	64.78
3783	93.1	93.2	88.64	83.99	66.95	64.78
3782	93.11	93.2	88.65	83.99	66.96	64.78
3781	93.11	93.2	88.66	83.99	66.97	64.77
3780	93.11	93.22	88.67	83.98	66.96	64.77
3779	93.1	93.22	88.69	83.97	66.96	64.76
3778	93.1	93.22	88.69	83.98	66.97	64.75
3777	93.11	93.22	88.69	83.98	66.98	64.74
3776	93.12	93.22	88.69	83.98	66.97	64.74
3775	93.14	93.22	88.69	83.97	66.94	64.73
3774	93.16	93.21	88.7	83.97	66.92	64.73
3773	93.17	93.2	88.71	83.97	66.92	64.73

3772	93.17	93.19	88.71	83.97	66.91	64.73
3771	93.18	93.2	88.72	83.97	66.9	64.73
3770	93.18	93.2	88.73	83.97	66.88	64.73
3769	93.19	93.2	88.74	83.98	66.87	64.73
3768	93.19	93.2	88.74	83.99	66.9	64.73
3767	93.19	93.21	88.74	84	66.92	64.72
3766	93.19	93.23	88.74	83.99	66.91	64.71
3765	93.18	93.24	88.74	83.97	66.88	64.7
3764	93.18	93.23	88.75	83.96	66.86	64.7
3763	93.19	93.22	88.75	83.96	66.87	64.69
3762	93.21	93.22	88.77	83.96	66.87	64.69
3761	93.22	93.23	88.78	83.96	66.85	64.68
3760	93.22	93.23	88.79	83.95	66.84	64.68
3759	93.21	93.22	88.8	83.96	66.82	64.68
3758	93.21	93.2	88.81	83.96	66.81	64.68
3757	93.23	93.19	88.81	83.96	66.79	64.69
3756	93.25	93.18	88.82	83.95	66.78	64.69
3755	93.28	93.16	88.83	83.95	66.77	64.69
3754	93.32	93.13	88.85	83.94	66.74	64.7
3753	93.36	93.1	88.86	83.93	66.71	64.7
3752	93.39	93.08	88.86	83.92	66.72	64.69
3751	93.41	93.09	88.86	83.94	66.72	64.68
3750	93.44	93.09	88.86	83.96	66.68	64.68
3749	93.49	93.08	88.86	83.97	66.63	64.68
3748	93.53	93.08	88.86	83.98	66.66	64.68
3747	93.55	93.09	88.86	84.01	66.74	64.68
3746	93.55	93.14	88.86	84.02	66.79	64.66
3745	93.52	93.21	88.87	83.99	66.78	64.64
3744	93.47	93.22	88.88	83.97	66.7	64.64
3743	93.42	93.19	88.88	83.97	66.64	64.64
3742	93.39	93.16	88.89	83.98	66.67	64.65
3741	93.37	93.18	88.9	83.97	66.7	64.64
3740	93.38	93.18	88.92	83.96	66.69	64.62
3739	93.38	93.16	88.94	83.96	66.67	64.62
3738	93.38	93.13	88.94	83.96	66.65	64.61
3737	93.38	93.11	88.95	83.97	66.64	64.61
3736	93.39	93.11	88.96	83.96	66.64	64.6
3735	93.39	93.12	88.98	83.96	66.66	64.59
3734	93.38	93.12	88.99	83.97	66.7	64.59
3733	93.37	93.13	89	83.97	66.72	64.59
3732	93.35	93.15	89	83.96	66.7	64.59
3731	93.33	93.18	89.01	83.96	66.69	64.59
3730	93.3	93.2	89.02	83.96	66.7	64.58
3729	93.28	93.23	89.02	83.96	66.73	64.57
3728	93.26	93.26	89.03	83.95	66.73	64.55

3727	93.25	93.29	89.03	83.93	66.7	64.55
3726	93.25	93.3	89.05	83.93	66.69	64.55
3725	93.25	93.29	89.06	83.93	66.7	64.55
3724	93.25	93.29	89.07	83.94	66.71	64.55
3723	93.25	93.3	89.08	83.94	66.72	64.54
3722	93.24	93.3	89.09	83.93	66.71	64.53
3721	93.22	93.29	89.1	83.93	66.71	64.52
3720	93.2	93.28	89.11	83.93	66.72	64.52
3719	93.19	93.3	89.12	83.93	66.73	64.51
3718	93.21	93.32	89.13	83.93	66.73	64.51
3717	93.23	93.33	89.15	83.93	66.73	64.51
3716	93.26	93.32	89.16	83.93	66.72	64.5
3715	93.29	93.29	89.18	83.93	66.71	64.5
3714	93.31	93.26	89.19	83.93	66.69	64.5
3713	93.33	93.24	89.18	83.93	66.67	64.49
3712	93.34	93.24	89.17	83.92	66.68	64.49
3711	93.35	93.25	89.16	83.92	66.69	64.49
3710	93.35	93.26	89.15	83.92	66.7	64.48
3709	93.34	93.27	89.14	83.91	66.7	64.47
3708	93.32	93.29	89.14	83.89	66.71	64.46
3707	93.29	93.3	89.15	83.88	66.71	64.46
3706	93.27	93.3	89.16	83.88	66.72	64.46
3705	93.24	93.3	89.18	83.88	66.72	64.46
3704	93.23	93.3	89.2	83.88	66.72	64.46
3703	93.22	93.31	89.21	83.88	66.73	64.45
3702	93.23	93.33	89.22	83.87	66.72	64.45
3701	93.24	93.33	89.23	83.87	66.72	64.44
3700	93.24	93.32	89.23	83.88	66.72	64.44
3699	93.25	93.32	89.22	83.88	66.74	64.44
3698	93.25	93.32	89.22	83.88	66.74	64.43
3697	93.25	93.33	89.22	83.87	66.72	64.42
3696	93.25	93.32	89.23	83.86	66.69	64.42
3695	93.26	93.3	89.24	83.86	66.67	64.41
3694	93.28	93.27	89.25	83.85	66.65	64.41
3693	93.32	93.23	89.26	83.85	66.62	64.42
3692	93.35	93.21	89.26	83.85	66.6	64.42
3691	93.37	93.2	89.26	83.85	66.62	64.43
3690	93.38	93.21	89.26	83.86	66.65	64.42
3689	93.4	93.22	89.27	83.87	66.64	64.41
3688	93.41	93.23	89.27	83.87	66.6	64.4
3687	93.42	93.25	89.27	83.88	66.59	64.4
3686	93.41	93.28	89.27	83.88	66.63	64.39
3685	93.39	93.31	89.27	83.88	66.67	64.38
3684	93.36	93.32	89.29	83.86	66.68	64.36
3683	93.33	93.3	89.31	83.85	66.69	64.36

3682	93.3	93.27	89.31	83.84	66.68	64.35
3681	93.31	93.22	89.32	83.83	66.65	64.34
3680	93.35	93.16	89.31	83.82	66.6	64.34
3679	93.4	93.09	89.3	83.82	66.56	64.34
3678	93.44	93.04	89.28	83.84	66.56	64.35
3677	93.46	93.04	89.25	83.85	66.58	64.34
3676	93.49	93.09	89.22	83.84	66.58	64.33
3675	93.52	93.11	89.2	83.83	66.53	64.33
3674	93.55	93.07	89.17	83.83	66.53	64.34
3673	93.57	93.02	89.14	83.84	66.58	64.35
3672	93.56	93	89.1	83.85	66.62	64.35
3671	93.54	93	89.07	83.84	66.62	64.34
3670	93.5	93.02	89.05	83.82	66.61	64.33
3669	93.47	93.02	89.02	83.82	66.6	64.32
3668	93.44	93.02	88.99	83.82	66.62	64.31
3667	93.41	93.04	88.96	83.81	66.66	64.29
3666	93.39	93.07	88.92	83.79	66.69	64.28
3665	93.36	93.1	88.88	83.78	66.71	64.26
3664	93.34	93.1	88.84	83.77	66.72	64.25
3663	93.32	93.09	88.79	83.77	66.72	64.24
3662	93.32	93.08	88.74	83.76	66.7	64.23
3661	93.34	93.05	88.69	83.76	66.68	64.22
3660	93.36	93.02	88.63	83.75	66.67	64.22
3659	93.38	93	88.56	83.76	66.68	64.22
3658	93.39	92.99	88.49	83.76	66.69	64.22
3657	93.4	92.97	88.4	83.75	66.68	64.21
3656	93.42	92.94	88.32	83.74	66.63	64.21
3655	93.44	92.89	88.24	83.75	66.59	64.2
3654	93.48	92.84	88.17	83.76	66.58	64.2
3653	93.52	92.79	88.09	83.77	66.55	64.2
3652	93.57	92.74	88.01	83.77	66.5	64.21
3651	93.61	92.69	87.91	83.77	66.47	64.22
3650	93.6	92.65	87.8	83.76	66.48	64.23
3649	93.59	92.62	87.69	83.77	66.51	64.23
3648	93.57	92.6	87.59	83.76	66.52	64.22
3647	93.55	92.59	87.49	83.75	66.53	64.21
3646	93.52	92.61	87.41	83.73	66.56	64.19
3645	93.49	92.63	87.33	83.72	66.61	64.18
3644	93.46	92.65	87.24	83.71	66.63	64.16
3643	93.44	92.66	87.14	83.69	66.63	64.15
3642	93.42	92.66	87.04	83.67	66.63	64.14
3641	93.41	92.65	86.94	83.66	66.63	64.13
3640	93.4	92.63	86.84	83.65	66.64	64.12
3639	93.4	92.6	86.75	83.65	66.63	64.12
3638	93.41	92.57	86.65	83.65	66.62	64.12

3637	93.42	92.53	86.56	83.65	66.62	64.12
3636	93.43	92.49	86.46	83.66	66.61	64.12
3635	93.44	92.46	86.36	83.65	66.59	64.11
3634	93.46	92.42	86.26	83.64	66.55	64.11
3633	93.49	92.37	86.15	83.64	66.52	64.12
3632	93.53	92.3	86.05	83.65	66.51	64.13
3631	93.56	92.23	85.94	83.67	66.52	64.13
3630	93.58	92.19	85.83	83.67	66.53	64.12
3629	93.59	92.16	85.73	83.65	66.53	64.1
3628	93.6	92.12	85.63	83.64	66.51	64.09
3627	93.6	92.08	85.53	83.64	66.51	64.07
3626	93.59	92.08	85.43	83.63	66.54	64.06
3625	93.58	92.11	85.34	83.61	66.54	64.04
3624	93.56	92.11	85.25	83.59	66.53	64.03
3623	93.53	92.08	85.16	83.58	66.51	64.04
3622	93.51	92.03	85.07	83.59	66.5	64.04
3621	93.5	91.97	84.97	83.6	66.5	64.04
3620	93.48	91.93	84.87	83.6	66.5	64.03
3619	93.46	91.91	84.8	83.6	66.48	64.02
3618	93.44	91.88	84.74	83.6	66.46	64.01
3617	93.43	91.86	84.68	83.59	66.46	64.01
3616	93.41	91.85	84.61	83.59	66.47	64.01
3615	93.38	91.84	84.54	83.58	66.47	64.01
3614	93.34	91.83	84.46	83.56	66.48	64
3613	93.3	91.79	84.39	83.54	66.48	63.99
3612	93.26	91.74	84.32	83.52	66.49	63.98
3611	93.24	91.68	84.26	83.51	66.51	63.97
3610	93.22	91.63	84.2	83.49	66.52	63.96
3609	93.22	91.6	84.13	83.47	66.53	63.95
3608	93.21	91.58	84.07	83.46	66.54	63.95
3607	93.21	91.57	84.01	83.46	66.54	63.94
3606	93.21	91.56	83.94	83.46	66.55	63.94
3605	93.22	91.55	83.88	83.46	66.54	63.93
3604	93.22	91.55	83.82	83.46	66.54	63.92
3603	93.21	91.53	83.78	83.45	66.53	63.92
3602	93.19	91.5	83.73	83.45	66.51	63.91
3601	93.16	91.46	83.69	83.45	66.5	63.91
3600	93.12	91.41	83.64	83.44	66.49	63.91
3599	93.08	91.36	83.59	83.43	66.48	63.9
3598	93.03	91.31	83.55	83.43	66.48	63.88
3597	92.98	91.28	83.51	83.42	66.48	63.87
3596	92.92	91.24	83.49	83.41	66.48	63.85
3595	92.84	91.22	83.46	83.4	66.47	63.83
3594	92.78	91.21	83.44	83.39	66.46	63.82
3593	92.74	91.19	83.4	83.37	66.44	63.82

3592	92.72	91.15	83.35	83.36	66.42	63.82
3591	92.72	91.11	83.31	83.35	66.41	63.82
3590	92.75	91.06	83.27	83.34	66.4	63.82
3589	92.77	91.01	83.26	83.34	66.41	63.81
3588	92.8	90.97	83.25	83.34	66.43	63.8
3587	92.81	90.92	83.25	83.34	66.45	63.79
3586	92.82	90.87	83.23	83.33	66.47	63.79
3585	92.81	90.85	83.19	83.32	66.49	63.79
3584	92.81	90.85	83.15	83.3	66.51	63.78
3583	92.82	90.86	83.11	83.28	66.51	63.77
3582	92.83	90.86	83.08	83.26	66.51	63.76
3581	92.84	90.85	83.06	83.25	66.51	63.75
3580	92.86	90.81	83.05	83.26	66.5	63.74
3579	92.87	90.77	83.04	83.26	66.5	63.73
3578	92.87	90.73	83.03	83.26	66.5	63.72
3577	92.88	90.7	83	83.25	66.5	63.71
3576	92.9	90.67	82.97	83.24	66.5	63.7
3575	92.91	90.65	82.94	83.23	66.49	63.68
3574	92.93	90.62	82.92	83.21	66.47	63.67
3573	92.94	90.57	82.9	83.2	66.45	63.67
3572	92.96	90.52	82.89	83.19	66.42	63.67
3571	92.97	90.46	82.87	83.19	66.4	63.68
3570	92.99	90.4	82.85	83.21	66.38	63.68
3569	93	90.36	82.83	83.22	66.37	63.67
3568	93.01	90.32	82.82	83.22	66.37	63.66
3567	93.02	90.28	82.81	83.21	66.38	63.65
3566	93.02	90.24	82.8	83.19	66.38	63.64
3565	93.01	90.22	82.78	83.17	66.39	63.63
3564	93.01	90.21	82.75	83.15	66.41	63.63
3563	93	90.2	82.72	83.14	66.41	63.63
3562	93	90.18	82.7	83.12	66.42	63.62
3561	92.98	90.15	82.67	83.11	66.42	63.62
3560	92.97	90.12	82.65	83.1	66.43	63.61
3559	92.96	90.1	82.64	83.09	66.44	63.6
3558	92.96	90.07	82.63	83.08	66.44	63.59
3557	92.96	90.04	82.61	83.07	66.43	63.57
3556	92.95	90.01	82.59	83.05	66.43	63.56
3555	92.94	89.98	82.57	83.04	66.42	63.56
3554	92.93	89.95	82.55	83.03	66.42	63.55
3553	92.91	89.92	82.52	83.03	66.41	63.55
3552	92.89	89.89	82.5	83.03	66.4	63.55
3551	92.88	89.85	82.49	83.02	66.39	63.55
3550	92.86	89.81	82.46	83.02	66.38	63.55
3549	92.85	89.77	82.44	83.01	66.38	63.54
3548	92.81	89.75	82.42	83	66.37	63.53

3547	92.77	89.73	82.4	83	66.38	63.52
3546	92.7	89.72	82.4	83	66.39	63.51
3545	92.63	89.7	82.39	82.99	66.4	63.5
3544	92.56	89.67	82.38	82.98	66.41	63.49
3543	92.48	89.63	82.35	82.96	66.41	63.48
3542	92.4	89.59	82.32	82.95	66.41	63.48
3541	92.32	89.56	82.28	82.94	66.41	63.47
3540	92.24	89.54	82.25	82.92	66.4	63.46
3539	92.15	89.52	82.23	82.91	66.4	63.46
3538	92.09	89.5	82.21	82.9	66.39	63.45
3537	92.04	89.47	82.19	82.89	66.39	63.45
3536	92.02	89.44	82.17	82.88	66.39	63.44
3535	92.03	89.41	82.14	82.88	66.39	63.44
3534	92.06	89.38	82.11	82.88	66.39	63.43
3533	92.1	89.34	82.08	82.87	66.39	63.43
3532	92.16	89.3	82.05	82.86	66.38	63.42
3531	92.21	89.26	82.03	82.85	66.37	63.41
3530	92.26	89.22	82.01	82.83	66.36	63.4
3529	92.31	89.17	81.99	82.81	66.35	63.39
3528	92.34	89.13	81.98	82.8	66.33	63.38
3527	92.37	89.1	81.96	82.8	66.33	63.38
3526	92.39	89.07	81.94	82.8	66.32	63.37
3525	92.39	89.05	81.93	82.8	66.32	63.36
3524	92.39	89.03	81.91	82.79	66.32	63.35
3523	92.38	89	81.89	82.78	66.33	63.34
3522	92.37	88.97	81.87	82.76	66.33	63.33
3521	92.34	88.93	81.84	82.75	66.34	63.32
3520	92.31	88.89	81.82	82.75	66.34	63.31
3519	92.28	88.87	81.79	82.74	66.34	63.31
3518	92.26	88.85	81.76	82.72	66.34	63.31
3517	92.24	88.83	81.73	82.71	66.34	63.3
3516	92.22	88.81	81.7	82.69	66.33	63.3
3515	92.2	88.8	81.67	82.68	66.33	63.3
3514	92.18	88.78	81.64	82.67	66.32	63.29
3513	92.15	88.75	81.61	82.67	66.31	63.28
3512	92.12	88.7	81.59	82.67	66.3	63.27
3511	92.08	88.65	81.57	82.67	66.3	63.27
3510	92.04	88.61	81.55	82.66	66.3	63.26
3509	91.99	88.57	81.54	82.65	66.29	63.26
3508	91.93	88.55	81.51	82.64	66.28	63.25
3507	91.88	88.52	81.48	82.64	66.27	63.24
3506	91.83	88.49	81.45	82.63	66.25	63.23
3505	91.78	88.45	81.41	82.63	66.24	63.23
3504	91.73	88.41	81.39	82.62	66.23	63.23
3503	91.68	88.37	81.38	82.61	66.22	63.22

3502	91.65	88.34	81.36	82.6	66.22	63.22
3501	91.61	88.31	81.35	82.6	66.23	63.21
3500	91.57	88.28	81.33	82.59	66.23	63.2
3499	91.53	88.25	81.31	82.57	66.23	63.19
3498	91.48	88.23	81.29	82.56	66.22	63.18
3497	91.43	88.21	81.26	82.54	66.21	63.17
3496	91.38	88.19	81.23	82.52	66.21	63.16
3495	91.35	88.16	81.2	82.52	66.21	63.15
3494	91.31	88.14	81.18	82.51	66.2	63.15
3493	91.27	88.12	81.15	82.5	66.2	63.14
3492	91.22	88.1	81.13	82.48	66.19	63.14
3491	91.19	88.08	81.11	82.47	66.18	63.13
3490	91.15	88.05	81.09	82.45	66.18	63.12
3489	91.13	88.02	81.07	82.44	66.18	63.11
3488	91.1	87.98	81.05	82.43	66.18	63.1
3487	91.08	87.95	81.03	82.42	66.18	63.1
3486	91.07	87.91	81.02	82.41	66.17	63.09
3485	91.05	87.88	81	82.4	66.16	63.08
3484	91.02	87.86	80.98	82.4	66.16	63.06
3483	91	87.84	80.96	82.39	66.15	63.05
3482	90.97	87.82	80.95	82.39	66.16	63.04
3481	90.94	87.79	80.93	82.38	66.16	63.03
3480	90.93	87.75	80.91	82.37	66.17	63.03
3479	90.92	87.71	80.89	82.36	66.18	63.03
3478	90.92	87.67	80.87	82.34	66.18	63.02
3477	90.92	87.64	80.84	82.32	66.18	63.02
3476	90.92	87.62	80.81	82.31	66.17	63.02
3475	90.92	87.61	80.78	82.29	66.16	63.01
3474	90.91	87.59	80.75	82.28	66.15	63.01
3473	90.91	87.56	80.72	82.27	66.15	63.01
3472	90.91	87.53	80.7	82.26	66.16	63
3471	90.91	87.5	80.68	82.24	66.16	63
3470	90.91	87.47	80.66	82.23	66.16	62.99
3469	90.91	87.44	80.64	82.23	66.15	62.99
3468	90.92	87.42	80.63	82.23	66.14	62.98
3467	90.92	87.39	80.61	82.23	66.13	62.97
3466	90.92	87.36	80.59	82.22	66.12	62.95
3465	90.92	87.32	80.58	82.21	66.12	62.93
3464	90.93	87.28	80.56	82.2	66.12	62.91
3463	90.94	87.24	80.54	82.2	66.12	62.91
3462	90.95	87.21	80.51	82.19	66.11	62.9
3461	90.96	87.18	80.49	82.18	66.11	62.9
3460	90.96	87.16	80.46	82.17	66.12	62.89
3459	90.97	87.14	80.44	82.16	66.12	62.88
3458	90.98	87.12	80.42	82.14	66.12	62.88

3457	90.99	87.09	80.4	82.12	66.12	62.87
3456	91	87.07	80.38	82.11	66.12	62.87
3455	91.01	87.04	80.37	82.1	66.11	62.86
3454	91.03	87.02	80.36	82.09	66.1	62.86
3453	91.05	86.99	80.34	82.09	66.1	62.85
3452	91.07	86.95	80.31	82.09	66.09	62.85
3451	91.09	86.91	80.29	82.09	66.08	62.84
3450	91.11	86.87	80.26	82.08	66.07	62.83
3449	91.12	86.85	80.23	82.08	66.06	62.81
3448	91.13	86.83	80.21	82.07	66.06	62.8
3447	91.13	86.81	80.2	82.05	66.06	62.8
3446	91.14	86.78	80.2	82.03	66.07	62.8
3445	91.15	86.75	80.18	82	66.07	62.8
3444	91.16	86.72	80.17	81.99	66.06	62.79
3443	91.17	86.69	80.15	81.98	66.06	62.79
3442	91.18	86.67	80.13	81.97	66.06	62.78
3441	91.18	86.64	80.11	81.97	66.06	62.77
3440	91.18	86.6	80.08	81.97	66.07	62.76
3439	91.18	86.57	80.06	81.97	66.07	62.75
3438	91.18	86.55	80.04	81.96	66.07	62.74
3437	91.19	86.53	80.02	81.95	66.06	62.73
3436	91.2	86.53	80.01	81.94	66.05	62.72
3435	91.21	86.52	79.99	81.93	66.04	62.71
3434	91.22	86.5	79.98	81.92	66.04	62.7
3433	91.23	86.48	79.96	81.91	66.04	62.7
3432	91.24	86.44	79.94	81.9	66.05	62.69
3431	91.26	86.42	79.92	81.89	66.06	62.69
3430	91.28	86.4	79.9	81.88	66.08	62.69
3429	91.29	86.39	79.88	81.87	66.08	62.68
3428	91.3	86.37	79.86	81.86	66.08	62.67
3427	91.32	86.35	79.85	81.85	66.08	62.67
3426	91.33	86.32	79.83	81.84	66.07	62.66
3425	91.35	86.29	79.82	81.83	66.06	62.64
3424	91.36	86.26	79.8	81.82	66.06	62.64
3423	91.37	86.24	79.79	81.81	66.05	62.63
3422	91.38	86.21	79.77	81.8	66.05	62.63
3421	91.38	86.18	79.76	81.79	66.05	62.63
3420	91.38	86.16	79.75	81.77	66.05	62.62
3419	91.37	86.15	79.74	81.77	66.05	62.62
3418	91.38	86.13	79.73	81.78	66.06	62.62
3417	91.38	86.11	79.71	81.78	66.06	62.61
3416	91.39	86.08	79.7	81.78	66.05	62.61
3415	91.4	86.04	79.68	81.77	66.04	62.61
3414	91.41	86.02	79.67	81.75	66.02	62.6
3413	91.43	85.99	79.65	81.73	66.02	62.6

3412	91.44	85.96	79.63	81.71	66.02	62.59
3411	91.45	85.94	79.61	81.71	66.02	62.58
3410	91.47	85.91	79.6	81.71	66.03	62.57
3409	91.48	85.89	79.59	81.71	66.04	62.56
3408	91.49	85.88	79.58	81.7	66.03	62.55
3407	91.5	85.87	79.57	81.69	66.03	62.54
3406	91.52	85.85	79.56	81.68	66.02	62.53
3405	91.54	85.83	79.55	81.68	66.02	62.53
3404	91.55	85.79	79.54	81.68	66.02	62.52
3403	91.56	85.77	79.52	81.68	66.03	62.52
3402	91.57	85.75	79.51	81.67	66.02	62.52
3401	91.58	85.74	79.5	81.66	66.02	62.52
3400	91.58	85.73	79.48	81.66	66.01	62.51
3399	91.59	85.71	79.47	81.66	66.01	62.5
3398	91.59	85.7	79.45	81.67	66.01	62.49
3397	91.61	85.68	79.43	81.67	66.01	62.47
3396	91.62	85.66	79.41	81.67	66.01	62.46
3395	91.64	85.63	79.4	81.66	66	62.46
3394	91.65	85.6	79.39	81.65	66	62.45
3393	91.65	85.58	79.38	81.63	66.01	62.45
3392	91.65	85.56	79.37	81.62	66.01	62.44
3391	91.65	85.55	79.35	81.61	66.01	62.44
3390	91.65	85.55	79.34	81.59	66	62.44
3389	91.65	85.54	79.32	81.57	65.99	62.43
3388	91.66	85.53	79.3	81.55	65.98	62.42
3387	91.66	85.51	79.3	81.53	65.97	62.41
3386	91.67	85.5	79.29	81.52	65.97	62.4
3385	91.68	85.49	79.29	81.51	65.97	62.4
3384	91.68	85.47	79.28	81.51	65.97	62.4
3383	91.67	85.46	79.26	81.51	65.98	62.39
3382	91.66	85.45	79.25	81.5	65.98	62.39
3381	91.66	85.43	79.23	81.49	65.97	62.38
3380	91.65	85.41	79.22	81.48	65.96	62.37
3379	91.65	85.39	79.21	81.46	65.96	62.36
3378	91.64	85.37	79.21	81.45	65.96	62.35
3377	91.63	85.36	79.2	81.44	65.96	62.34
3376	91.62	85.36	79.19	81.44	65.96	62.33
3375	91.6	85.35	79.18	81.43	65.95	62.33
3374	91.6	85.34	79.17	81.43	65.95	62.32
3373	91.6	85.32	79.15	81.42	65.94	62.31
3372	91.6	85.31	79.14	81.42	65.94	62.31
3371	91.6	85.29	79.13	81.41	65.94	62.31
3370	91.59	85.27	79.12	81.39	65.94	62.31
3369	91.58	85.25	79.11	81.38	65.93	62.31
3368	91.57	85.23	79.12	81.37	65.93	62.31

3367	91.57	85.22	79.12	81.36	65.93	62.3
3366	91.56	85.21	79.11	81.34	65.92	62.3
3365	91.55	85.19	79.1	81.32	65.93	62.28
3364	91.54	85.18	79.09	81.31	65.93	62.27
3363	91.54	85.17	79.07	81.31	65.94	62.26
3362	91.53	85.18	79.06	81.3	65.94	62.25
3361	91.51	85.18	79.06	81.28	65.93	62.24
3360	91.49	85.18	79.05	81.27	65.93	62.23
3359	91.46	85.17	79.04	81.25	65.93	62.22
3358	91.43	85.16	79.02	81.24	65.93	62.21
3357	91.41	85.15	79	81.22	65.93	62.2
3356	91.39	85.14	78.98	81.2	65.93	62.2
3355	91.38	85.13	78.97	81.18	65.92	62.2
3354	91.37	85.12	78.96	81.17	65.91	62.21
3353	91.36	85.11	78.95	81.17	65.91	62.22
3352	91.34	85.09	78.93	81.16	65.92	62.22
3351	91.31	85.07	78.93	81.15	65.92	62.21
3350	91.29	85.06	78.92	81.14	65.92	62.2
3349	91.27	85.05	78.91	81.12	65.92	62.18
3348	91.25	85.03	78.91	81.1	65.91	62.16
3347	91.22	85.02	78.9	81.08	65.91	62.15
3346	91.19	85.02	78.88	81.06	65.91	62.15
3345	91.17	85.02	78.86	81.04	65.91	62.15
3344	91.15	85.03	78.84	81.03	65.91	62.15
3343	91.13	85.03	78.83	81.02	65.91	62.15
3342	91.11	85.03	78.81	81.01	65.91	62.14
3341	91.08	85.01	78.79	80.99	65.91	62.13
3340	91.06	85	78.78	80.98	65.91	62.12
3339	91.03	84.98	78.76	80.96	65.9	62.12
3338	91.02	84.97	78.74	80.94	65.89	62.12
3337	91.02	84.95	78.73	80.93	65.88	62.11
3336	91.02	84.94	78.71	80.91	65.88	62.1
3335	91.02	84.93	78.7	80.89	65.88	62.09
3334	91.02	84.92	78.67	80.87	65.88	62.08
3333	91.01	84.92	78.65	80.85	65.88	62.08
3332	91	84.91	78.62	80.83	65.88	62.07
3331	90.99	84.89	78.59	80.82	65.88	62.07
3330	90.97	84.87	78.56	80.81	65.87	62.07
3329	90.97	84.84	78.53	80.8	65.86	62.07
3328	90.97	84.82	78.51	80.79	65.85	62.07
3327	90.97	84.81	78.49	80.78	65.84	62.07
3326	90.98	84.81	78.48	80.76	65.84	62.06
3325	90.98	84.82	78.46	80.74	65.85	62.06
3324	90.99	84.82	78.45	80.73	65.85	62.05
3323	90.99	84.8	78.43	80.71	65.86	62.05

3322	90.99	84.78	78.42	80.68	65.85	62.04
3321	90.99	84.76	78.4	80.66	65.85	62.04
3320	90.99	84.75	78.37	80.63	65.84	62.03
3319	90.99	84.76	78.34	80.6	65.84	62.03
3318	91	84.76	78.31	80.58	65.84	62.02
3317	91.01	84.76	78.29	80.57	65.84	62.01
3316	91.01	84.74	78.27	80.55	65.84	62
3315	91.01	84.7	78.25	80.54	65.83	61.99
3314	91.01	84.68	78.23	80.53	65.82	61.98
3313	91.01	84.67	78.2	80.51	65.82	61.98
3312	91.01	84.67	78.17	80.49	65.82	61.98
3311	91.01	84.68	78.15	80.47	65.82	61.98
3310	91.02	84.68	78.13	80.45	65.82	61.99
3309	91.03	84.66	78.12	80.43	65.82	61.98
3308	91.03	84.64	78.1	80.42	65.82	61.98
3307	91.03	84.61	78.07	80.41	65.82	61.98
3306	91.04	84.6	78.04	80.39	65.82	61.97
3305	91.05	84.59	78.01	80.37	65.81	61.97
3304	91.06	84.59	77.98	80.35	65.8	61.96
3303	91.07	84.59	77.96	80.33	65.8	61.95
3302	91.08	84.58	77.94	80.31	65.79	61.94
3301	91.08	84.55	77.92	80.29	65.79	61.93
3300	91.08	84.53	77.9	80.27	65.78	61.93
3299	91.08	84.5	77.89	80.25	65.77	61.92
3298	91.09	84.48	77.88	80.22	65.77	61.92
3297	91.09	84.47	77.86	80.19	65.77	61.92
3296	91.09	84.47	77.84	80.16	65.76	61.92
3295	91.09	84.46	77.82	80.14	65.76	61.92
3294	91.08	84.45	77.8	80.13	65.76	61.92
3293	91.07	84.44	77.78	80.12	65.76	61.92
3292	91.06	84.42	77.76	80.1	65.77	61.92
3291	91.05	84.4	77.75	80.08	65.78	61.91
3290	91.05	84.38	77.73	80.06	65.79	61.91
3289	91.04	84.36	77.71	80.04	65.78	61.9
3288	91.04	84.35	77.69	80.02	65.77	61.89
3287	91.03	84.33	77.66	79.99	65.76	61.88
3286	91.03	84.32	77.64	79.96	65.75	61.87
3285	91.02	84.31	77.61	79.93	65.74	61.87
3284	91.02	84.31	77.58	79.92	65.74	61.86
3283	91.01	84.3	77.56	79.9	65.74	61.86
3282	90.99	84.28	77.53	79.89	65.74	61.85
3281	90.98	84.25	77.51	79.88	65.72	61.83
3280	90.97	84.23	77.5	79.87	65.71	61.83
3279	90.95	84.21	77.49	79.85	65.7	61.83
3278	90.93	84.2	77.48	79.84	65.7	61.83

3277	90.91	84.19	77.47	79.84	65.7	61.84
3276	90.88	84.17	77.45	79.85	65.7	61.85
3275	90.86	84.15	77.43	79.85	65.71	61.85
3274	90.84	84.14	77.4	79.84	65.7	61.85
3273	90.82	84.13	77.39	79.83	65.7	61.85
3272	90.8	84.13	77.37	79.82	65.69	61.85
3271	90.79	84.12	77.36	79.81	65.68	61.84
3270	90.79	84.12	77.35	79.81	65.68	61.83
3269	90.78	84.12	77.34	79.8	65.67	61.82
3268	90.78	84.11	77.32	79.8	65.67	61.81
3267	90.78	84.09	77.3	79.8	65.67	61.8
3266	90.76	84.08	77.28	79.8	65.68	61.79
3265	90.75	84.07	77.27	79.8	65.68	61.79
3264	90.74	84.05	77.26	79.8	65.68	61.79
3263	90.74	84.04	77.25	79.8	65.67	61.78
3262	90.74	84.02	77.24	79.81	65.67	61.77
3261	90.74	84	77.22	79.82	65.67	61.77
3260	90.74	83.98	77.2	79.83	65.67	61.77
3259	90.74	83.96	77.18	79.85	65.66	61.77
3258	90.74	83.95	77.17	79.86	65.65	61.77
3257	90.73	83.94	77.17	79.88	65.64	61.77
3256	90.72	83.93	77.17	79.89	65.64	61.77
3255	90.71	83.91	77.17	79.89	65.64	61.77
3254	90.72	83.89	77.16	79.89	65.66	61.76
3253	90.73	83.86	77.16	79.89	65.67	61.75
3252	90.74	83.85	77.15	79.89	65.67	61.75
3251	90.74	83.83	77.14	79.9	65.67	61.75
3250	90.73	83.83	77.14	79.91	65.65	61.76
3249	90.73	83.81	77.13	79.92	65.63	61.76
3248	90.73	83.8	77.11	79.92	65.62	61.76
3247	90.74	83.79	77.09	79.92	65.61	61.75
3246	90.74	83.77	77.08	79.93	65.61	61.75
3245	90.75	83.75	77.06	79.93	65.61	61.75
3244	90.74	83.74	77.06	79.94	65.62	61.75
3243	90.74	83.72	77.05	79.95	65.63	61.74
3242	90.73	83.71	77.04	79.96	65.63	61.74
3241	90.73	83.71	77.03	79.96	65.62	61.73
3240	90.74	83.71	77.01	79.97	65.61	61.72
3239	90.75	83.71	77	79.99	65.61	61.73
3238	90.75	83.71	76.99	80	65.61	61.73
3237	90.75	83.71	77	80.01	65.61	61.73
3236	90.75	83.7	77	80.02	65.62	61.73
3235	90.74	83.68	77	80.02	65.62	61.72
3234	90.74	83.66	76.99	80.02	65.62	61.72
3233	90.73	83.64	76.97	80.02	65.61	61.72

3232	90.72	83.63	76.94	80.03	65.6	61.72
3231	90.72	83.61	76.93	80.05	65.59	61.72
3230	90.71	83.59	76.92	80.07	65.58	61.71
3229	90.71	83.58	76.92	80.08	65.58	61.71
3228	90.7	83.57	76.92	80.09	65.59	61.7
3227	90.7	83.57	76.91	80.1	65.58	61.69
3226	90.69	83.57	76.91	80.1	65.58	61.69
3225	90.69	83.57	76.9	80.12	65.57	61.68
3224	90.68	83.55	76.89	80.13	65.56	61.68
3223	90.68	83.54	76.88	80.14	65.56	61.68
3222	90.68	83.52	76.87	80.14	65.56	61.68
3221	90.68	83.52	76.86	80.14	65.55	61.68
3220	90.68	83.51	76.85	80.13	65.54	61.67
3219	90.69	83.51	76.84	80.12	65.54	61.67
3218	90.69	83.5	76.84	80.12	65.54	61.67
3217	90.69	83.48	76.84	80.11	65.54	61.67
3216	90.68	83.47	76.85	80.12	65.54	61.67
3215	90.67	83.47	76.85	80.12	65.54	61.67
3214	90.66	83.47	76.84	80.13	65.53	61.67
3213	90.66	83.46	76.84	80.13	65.52	61.67
3212	90.66	83.46	76.82	80.12	65.52	61.67
3211	90.67	83.46	76.81	80.12	65.53	61.66
3210	90.68	83.46	76.81	80.13	65.53	61.66
3209	90.69	83.45	76.8	80.14	65.53	61.65
3208	90.7	83.45	76.8	80.16	65.53	61.65
3207	90.7	83.45	76.8	80.18	65.53	61.64
3206	90.69	83.46	76.8	80.19	65.52	61.63
3205	90.69	83.46	76.81	80.2	65.51	61.62
3204	90.69	83.47	76.81	80.2	65.51	61.62
3203	90.69	83.48	76.81	80.19	65.5	61.62
3202	90.68	83.47	76.81	80.19	65.5	61.62
3201	90.68	83.47	76.81	80.2	65.5	61.62
3200	90.67	83.47	76.81	80.2	65.5	61.63
3199	90.67	83.47	76.81	80.21	65.5	61.63
3198	90.67	83.48	76.81	80.22	65.49	61.62
3197	90.66	83.48	76.81	80.23	65.49	61.61
3196	90.66	83.48	76.8	80.23	65.49	61.6
3195	90.65	83.48	76.8	80.23	65.49	61.6
3194	90.65	83.48	76.8	80.22	65.49	61.59
3193	90.66	83.48	76.81	80.21	65.49	61.59
3192	90.66	83.48	76.82	80.2	65.49	61.58
3191	90.66	83.48	76.83	80.2	65.49	61.58
3190	90.66	83.48	76.83	80.22	65.49	61.58
3189	90.67	83.47	76.83	80.23	65.49	61.57
3188	90.68	83.47	76.81	80.24	65.49	61.57

3187	90.68	83.48	76.8	80.24	65.48	61.56
3186	90.69	83.49	76.8	80.24	65.47	61.56
3185	90.69	83.5	76.81	80.25	65.45	61.56
3184	90.7	83.5	76.83	80.25	65.44	61.56
3183	90.72	83.51	76.83	80.26	65.44	61.56
3182	90.73	83.52	76.83	80.27	65.44	61.56
3181	90.73	83.53	76.84	80.27	65.44	61.56
3180	90.73	83.54	76.84	80.26	65.44	61.55
3179	90.74	83.55	76.85	80.26	65.45	61.55
3178	90.75	83.56	76.85	80.26	65.45	61.55
3177	90.77	83.57	76.84	80.27	65.45	61.55
3176	90.78	83.59	76.83	80.29	65.45	61.54
3175	90.79	83.61	76.83	80.29	65.45	61.53
3174	90.8	83.63	76.84	80.3	65.44	61.52
3173	90.81	83.64	76.84	80.29	65.43	61.51
3172	90.82	83.65	76.85	80.29	65.42	61.51
3171	90.83	83.66	76.85	80.29	65.42	61.52
3170	90.84	83.67	76.85	80.29	65.42	61.52
3169	90.86	83.68	76.85	80.3	65.43	61.52
3168	90.87	83.68	76.86	80.3	65.43	61.52
3167	90.89	83.69	76.86	80.3	65.42	61.51
3166	90.9	83.7	76.87	80.31	65.42	61.5
3165	90.92	83.72	76.88	80.31	65.42	61.5
3164	90.93	83.74	76.88	80.32	65.42	61.49
3163	90.95	83.76	76.89	80.32	65.41	61.48
3162	90.96	83.79	76.89	80.33	65.41	61.47
3161	90.98	83.8	76.89	80.33	65.41	61.47
3160	90.99	83.81	76.9	80.34	65.41	61.47
3159	91.01	83.81	76.91	80.35	65.41	61.47
3158	91.01	83.82	76.92	80.36	65.4	61.47
3157	91.02	83.83	76.92	80.37	65.4	61.47
3156	91.02	83.86	76.93	80.38	65.39	61.47
3155	91.03	83.88	76.94	80.38	65.4	61.47
3154	91.05	83.89	76.95	80.38	65.4	61.47
3153	91.07	83.9	76.97	80.38	65.41	61.47
3152	91.08	83.91	76.97	80.38	65.41	61.46
3151	91.1	83.93	76.97	80.39	65.4	61.46
3150	91.12	83.94	76.97	80.38	65.38	61.45
3149	91.13	83.97	76.97	80.38	65.37	61.45
3148	91.15	83.99	76.98	80.37	65.37	61.44
3147	91.16	84.01	76.99	80.37	65.36	61.44
3146	91.16	84.02	77	80.38	65.37	61.44
3145	91.17	84.03	77.01	80.39	65.37	61.44
3144	91.17	84.04	77.02	80.4	65.37	61.43
3143	91.18	84.05	77.03	80.41	65.37	61.42

3142	91.19	84.06	77.03	80.41	65.37	61.41
3141	91.2	84.08	77.04	80.42	65.37	61.42
3140	91.21	84.1	77.05	80.42	65.37	61.42
3139	91.21	84.12	77.05	80.42	65.37	61.42
3138	91.22	84.14	77.06	80.42	65.37	61.42
3137	91.24	84.15	77.06	80.41	65.36	61.41
3136	91.25	84.16	77.07	80.41	65.35	61.4
3135	91.26	84.17	77.07	80.41	65.34	61.4
3134	91.27	84.19	77.07	80.42	65.34	61.39
3133	91.29	84.21	77.07	80.42	65.33	61.39
3132	91.3	84.24	77.08	80.43	65.33	61.38
3131	91.31	84.26	77.09	80.43	65.33	61.38
3130	91.32	84.29	77.1	80.43	65.32	61.37
3129	91.33	84.3	77.1	80.43	65.33	61.37
3128	91.33	84.32	77.1	80.44	65.33	61.36
3127	91.33	84.33	77.1	80.44	65.33	61.36
3126	91.34	84.34	77.11	80.45	65.32	61.36
3125	91.35	84.36	77.13	80.45	65.32	61.35
3124	91.36	84.39	77.14	80.46	65.32	61.35
3123	91.38	84.42	77.16	80.46	65.32	61.34
3122	91.4	84.44	77.16	80.47	65.32	61.34
3121	91.4	84.45	77.16	80.47	65.32	61.34
3120	91.4	84.45	77.16	80.47	65.31	61.34
3119	91.4	84.45	77.16	80.47	65.31	61.34
3118	91.4	84.45	77.17	80.47	65.3	61.35
3117	91.4	84.46	77.18	80.47	65.3	61.35
3116	91.4	84.48	77.19	80.48	65.3	61.35
3115	91.41	84.5	77.19	80.48	65.3	61.34
3114	91.41	84.51	77.19	80.48	65.3	61.34
3113	91.41	84.53	77.19	80.46	65.29	61.33
3112	91.41	84.53	77.19	80.45	65.29	61.31
3111	91.41	84.54	77.19	80.44	65.28	61.3
3110	91.42	84.55	77.2	80.44	65.28	61.29
3109	91.42	84.56	77.2	80.44	65.29	61.29
3108	91.42	84.58	77.2	80.44	65.29	61.28
3107	91.43	84.6	77.2	80.44	65.29	61.27
3106	91.43	84.62	77.21	80.45	65.28	61.27
3105	91.44	84.63	77.21	80.45	65.27	61.26
3104	91.45	84.64	77.22	80.44	65.26	61.25
3103	91.46	84.65	77.22	80.44	65.25	61.25
3102	91.46	84.65	77.23	80.44	65.24	61.26
3101	91.47	84.66	77.25	80.45	65.24	61.26
3100	91.47	84.67	77.26	80.45	65.24	61.26
3099	91.48	84.67	77.27	80.44	65.24	61.26
3098	91.47	84.68	77.27	80.43	65.24	61.25

3097	91.47	84.67	77.26	80.42	65.23	61.25
3096	91.46	84.67	77.25	80.41	65.23	61.25
3095	91.46	84.67	77.25	80.41	65.23	61.25
3094	91.46	84.69	77.26	80.41	65.23	61.24
3093	91.46	84.7	77.26	80.4	65.23	61.24
3092	91.47	84.72	77.27	80.39	65.23	61.23
3091	91.47	84.72	77.28	80.39	65.23	61.22
3090	91.47	84.72	77.29	80.39	65.21	61.22
3089	91.48	84.72	77.3	80.39	65.2	61.21
3088	91.49	84.72	77.31	80.38	65.19	61.21
3087	91.49	84.73	77.31	80.38	65.19	61.21
3086	91.49	84.73	77.31	80.38	65.2	61.21
3085	91.48	84.74	77.31	80.38	65.2	61.2
3084	91.48	84.74	77.31	80.38	65.2	61.2
3083	91.48	84.75	77.31	80.38	65.2	61.19
3082	91.47	84.75	77.31	80.38	65.19	61.19
3081	91.47	84.75	77.32	80.38	65.19	61.18
3080	91.48	84.74	77.33	80.38	65.19	61.18
3079	91.48	84.74	77.33	80.38	65.19	61.17
3078	91.49	84.74	77.34	80.36	65.19	61.17
3077	91.49	84.74	77.34	80.35	65.19	61.17
3076	91.5	84.74	77.33	80.34	65.18	61.17
3075	91.5	84.75	77.33	80.33	65.17	61.16
3074	91.49	84.76	77.33	80.33	65.16	61.15
3073	91.49	84.77	77.32	80.32	65.15	61.15
3072	91.49	84.78	77.32	80.32	65.15	61.14
3071	91.49	84.79	77.33	80.32	65.14	61.14
3070	91.49	84.8	77.34	80.32	65.14	61.14
3069	91.49	84.81	77.36	80.33	65.14	61.14
3068	91.49	84.81	77.37	80.33	65.14	61.14
3067	91.49	84.81	77.38	80.34	65.14	61.14
3066	91.5	84.8	77.39	80.34	65.14	61.13
3065	91.5	84.8	77.4	80.33	65.14	61.12
3064	91.49	84.8	77.4	80.33	65.14	61.11
3063	91.48	84.81	77.4	80.32	65.14	61.1
3062	91.48	84.82	77.39	80.31	65.13	61.1
3061	91.48	84.83	77.4	80.31	65.13	61.09
3060	91.49	84.84	77.41	80.3	65.13	61.09
3059	91.49	84.84	77.42	80.3	65.13	61.08
3058	91.49	84.85	77.43	80.3	65.12	61.07
3057	91.5	84.85	77.44	80.31	65.12	61.07
3056	91.5	84.85	77.45	80.32	65.12	61.07
3055	91.51	84.86	77.46	80.33	65.11	61.08
3054	91.52	84.86	77.47	80.33	65.11	61.08
3053	91.53	84.86	77.47	80.34	65.1	61.07

3052	91.54	84.87	77.48	80.34	65.1	61.06
3051	91.54	84.88	77.49	80.35	65.09	61.05
3050	91.55	84.88	77.5	80.36	65.09	61.05
3049	91.54	84.89	77.5	80.36	65.09	61.04
3048	91.54	84.89	77.51	80.36	65.09	61.04
3047	91.55	84.89	77.52	80.36	65.09	61.03
3046	91.55	84.89	77.53	80.36	65.09	61.03
3045	91.57	84.9	77.54	80.37	65.08	61.03
3044	91.58	84.91	77.55	80.37	65.08	61.03
3043	91.59	84.92	77.56	80.38	65.07	61.03
3042	91.59	84.94	77.57	80.39	65.06	61.03
3041	91.59	84.95	77.58	80.39	65.06	61.02
3040	91.58	84.97	77.59	80.38	65.06	61.02
3039	91.58	84.98	77.6	80.39	65.06	61.02
3038	91.59	84.98	77.6	80.39	65.06	61.01
3037	91.61	84.98	77.6	80.4	65.05	61
3036	91.63	84.98	77.61	80.39	65.05	61
3035	91.64	84.99	77.62	80.39	65.05	60.99
3034	91.64	84.99	77.64	80.39	65.05	60.99
3033	91.64	85.01	77.66	80.4	65.04	60.98
3032	91.65	85.03	77.67	80.41	65.04	60.97
3031	91.65	85.04	77.68	80.42	65.03	60.97
3030	91.65	85.05	77.69	80.42	65.02	60.96
3029	91.66	85.06	77.69	80.43	65.01	60.95
3028	91.67	85.06	77.7	80.44	65.01	60.95
3027	91.68	85.05	77.71	80.44	65.01	60.94
3026	91.69	85.05	77.73	80.44	65.01	60.93
3025	91.7	85.06	77.75	80.44	65.01	60.92
3024	91.7	85.07	77.77	80.43	65.02	60.92
3023	91.71	85.09	77.79	80.43	65.02	60.92
3022	91.71	85.1	77.8	80.43	65.01	60.91
3021	91.73	85.1	77.81	80.44	65	60.91
3020	91.74	85.11	77.82	80.45	65	60.91
3019	91.75	85.13	77.83	80.46	64.99	60.91
3018	91.75	85.15	77.84	80.47	65	60.91
3017	91.75	85.17	77.86	80.48	65.01	60.91
3016	91.76	85.19	77.89	80.49	65.01	60.9
3015	91.77	85.21	77.91	80.49	65.01	60.89
3014	91.78	85.23	77.93	80.5	65.01	60.89
3013	91.78	85.25	77.94	80.49	65	60.88
3012	91.79	85.26	77.95	80.49	65	60.87
3011	91.79	85.27	77.97	80.48	64.99	60.87
3010	91.8	85.28	77.98	80.47	64.99	60.86
3009	91.82	85.3	77.99	80.47	64.98	60.86
3008	91.83	85.31	78	80.47	64.98	60.86

3007	91.84	85.33	78.02	80.49	64.98	60.85
3006	91.86	85.33	78.04	80.5	64.97	60.84
3005	91.86	85.34	78.06	80.52	64.96	60.84
3004	91.87	85.35	78.07	80.52	64.96	60.83
3003	91.87	85.37	78.09	80.52	64.95	60.83
3002	91.87	85.39	78.11	80.51	64.94	60.82
3001	91.88	85.42	78.12	80.5	64.94	60.82
3000	91.9	85.44	78.14	80.49	64.95	60.82
2999	91.91	85.45	78.15	80.49	64.95	60.82
2998	91.93	85.45	78.17	80.5	64.94	60.81
2997	91.93	85.44	78.18	80.5	64.94	60.8
2996	91.93	85.45	78.2	80.5	64.93	60.79
2995	91.94	85.46	78.22	80.5	64.92	60.78
2994	91.95	85.48	78.24	80.5	64.92	60.77
2993	91.96	85.5	78.27	80.5	64.9	60.77
2992	91.97	85.52	78.29	80.5	64.89	60.77
2991	91.98	85.54	78.3	80.5	64.88	60.77
2990	91.99	85.56	78.31	80.5	64.88	60.77
2989	91.99	85.57	78.32	80.49	64.89	60.76
2988	92	85.58	78.35	80.48	64.9	60.75
2987	92.01	85.59	78.37	80.47	64.9	60.74
2986	92.02	85.61	78.4	80.46	64.9	60.74
2985	92.03	85.62	78.41	80.44	64.9	60.74
2984	92.04	85.64	78.42	80.43	64.89	60.74
2983	92.04	85.67	78.43	80.42	64.88	60.74
2982	92.05	85.7	78.45	80.41	64.88	60.74
2981	92.05	85.72	78.48	80.41	64.89	60.73
2980	92.05	85.75	78.5	80.39	64.89	60.72
2979	92.05	85.76	78.51	80.38	64.89	60.7
2978	92.06	85.78	78.53	80.36	64.88	60.69
2977	92.07	85.79	78.54	80.34	64.87	60.69
2976	92.08	85.8	78.55	80.33	64.86	60.68
2975	92.1	85.82	78.58	80.32	64.86	60.68
2974	92.1	85.83	78.6	80.31	64.86	60.67
2973	92.11	85.85	78.63	80.29	64.87	60.67
2972	92.11	85.87	78.65	80.27	64.87	60.66
2971	92.12	85.89	78.66	80.26	64.86	60.66
2970	92.13	85.91	78.66	80.24	64.86	60.66
2969	92.14	85.92	78.67	80.23	64.85	60.65
2968	92.15	85.94	78.68	80.21	64.84	60.65
2967	92.15	85.95	78.7	80.2	64.84	60.65
2966	92.15	85.96	78.72	80.19	64.84	60.64
2965	92.15	85.98	78.75	80.18	64.83	60.63
2964	92.15	86	78.77	80.18	64.83	60.62
2963	92.15	86.02	78.8	80.18	64.83	60.61

2962	92.15	86.03	78.82	80.18	64.83	60.6
2961	92.15	86.05	78.85	80.17	64.83	60.6
2960	92.16	86.06	78.88	80.17	64.83	60.59
2959	92.17	86.07	78.9	80.16	64.84	60.59
2958	92.17	86.09	78.92	80.17	64.84	60.58
2957	92.18	86.11	78.94	80.17	64.84	60.57
2956	92.18	86.14	78.95	80.18	64.83	60.56
2955	92.18	86.15	78.97	80.19	64.83	60.55
2954	92.19	86.16	78.99	80.2	64.82	60.55
2953	92.21	86.17	79.01	80.21	64.81	60.54
2952	92.23	86.19	79.03	80.22	64.8	60.54
2951	92.25	86.21	79.05	80.22	64.8	60.53
2950	92.25	86.23	79.07	80.23	64.79	60.52
2949	92.26	86.25	79.1	80.24	64.8	60.51
2948	92.27	86.27	79.12	80.25	64.8	60.5
2947	92.27	86.29	79.14	80.26	64.81	60.49
2946	92.28	86.3	79.15	80.27	64.81	60.48
2945	92.29	86.32	79.16	80.28	64.8	60.47
2944	92.3	86.33	79.18	80.28	64.8	60.47
2943	92.3	86.35	79.19	80.27	64.8	60.47
2942	92.31	86.38	79.21	80.25	64.8	60.46
2941	92.32	86.39	79.22	80.25	64.8	60.45
2940	92.34	86.41	79.24	80.25	64.8	60.44
2939	92.35	86.42	79.25	80.26	64.81	60.43
2938	92.36	86.43	79.27	80.26	64.8	60.42
2937	92.36	86.43	79.28	80.27	64.8	60.41
2936	92.36	86.45	79.3	80.27	64.8	60.4
2935	92.35	86.47	79.32	80.28	64.79	60.4
2934	92.35	86.48	79.34	80.28	64.79	60.39
2933	92.33	86.5	79.35	80.29	64.79	60.38
2932	92.32	86.51	79.36	80.3	64.8	60.38
2931	92.31	86.52	79.36	80.3	64.8	60.38
2930	92.31	86.54	79.37	80.3	64.8	60.38
2929	92.31	86.55	79.38	80.3	64.81	60.38
2928	92.32	86.56	79.39	80.3	64.82	60.37
2927	92.32	86.56	79.4	80.3	64.82	60.37
2926	92.32	86.55	79.41	80.31	64.82	60.35
2925	92.31	86.55	79.42	80.32	64.82	60.34
2924	92.29	86.56	79.44	80.33	64.82	60.32
2923	92.27	86.57	79.46	80.33	64.83	60.31
2922	92.24	86.57	79.47	80.33	64.83	60.29
2921	92.22	86.58	79.48	80.32	64.84	60.28
2920	92.19	86.58	79.48	80.31	64.84	60.27
2919	92.18	86.59	79.5	80.29	64.84	60.26
2918	92.17	86.6	79.52	80.27	64.83	60.25

2917	92.16	86.62	79.55	80.25	64.82	60.24
2916	92.17	86.64	79.58	80.23	64.8	60.23
2915	92.17	86.67	79.61	80.22	64.78	60.22
2914	92.19	86.69	79.64	80.22	64.77	60.21
2913	92.21	86.71	79.66	80.21	64.76	60.2
2912	92.24	86.72	79.69	80.21	64.76	60.2
2911	92.27	86.74	79.7	80.2	64.75	60.19
2910	92.3	86.75	79.72	80.19	64.73	60.18
2909	92.32	86.77	79.75	80.18	64.72	60.17
2908	92.34	86.78	79.77	80.17	64.72	60.16
2907	92.36	86.79	79.8	80.16	64.72	60.15
2906	92.37	86.8	79.82	80.16	64.72	60.15
2905	92.38	86.82	79.84	80.15	64.72	60.15
2904	92.38	86.84	79.86	80.15	64.72	60.15
2903	92.39	86.87	79.87	80.15	64.71	60.14
2902	92.39	86.89	79.89	80.16	64.7	60.13
2901	92.4	86.91	79.91	80.18	64.69	60.12
2900	92.4	86.92	79.93	80.19	64.68	60.12
2899	92.4	86.92	79.94	80.19	64.68	60.11
2898	92.4	86.93	79.96	80.19	64.67	60.11
2897	92.4	86.94	79.97	80.18	64.66	60.1
2896	92.41	86.94	79.99	80.17	64.67	60.08
2895	92.41	86.95	80	80.16	64.67	60.07
2894	92.42	86.96	80	80.16	64.67	60.07
2893	92.43	86.97	80.01	80.17	64.66	60.06
2892	92.44	86.98	80.03	80.17	64.66	60.06
2891	92.45	87	80.04	80.18	64.65	60.06
2890	92.46	87.01	80.06	80.18	64.65	60.06
2889	92.47	87.03	80.07	80.19	64.64	60.05
2888	92.47	87.03	80.09	80.19	64.64	60.04
2887	92.47	87.03	80.11	80.18	64.64	60.03
2886	92.47	87.02	80.13	80.17	64.64	60.03
2885	92.47	87.02	80.14	80.16	64.63	60.02
2884	92.48	87.03	80.14	80.15	64.63	60.02
2883	92.49	87.04	80.14	80.14	64.63	60.02
2882	92.49	87.04	80.14	80.14	64.62	60.02
2881	92.5	87.05	80.15	80.14	64.61	60.01
2880	92.5	87.06	80.15	80.14	64.6	60.01
2879	92.5	87.08	80.15	80.14	64.6	60.01
2878	92.5	87.1	80.15	80.13	64.59	60
2877	92.5	87.12	80.16	80.11	64.59	60
2876	92.5	87.14	80.18	80.1	64.59	60
2875	92.51	87.16	80.19	80.1	64.59	60
2874	92.52	87.18	80.21	80.09	64.58	59.99
2873	92.52	87.18	80.21	80.1	64.57	59.99

2872	92.51	87.17	80.21	80.11	64.56	59.98
2871	92.5	87.16	80.21	80.11	64.56	59.97
2870	92.5	87.15	80.21	80.12	64.55	59.97
2869	92.5	87.16	80.21	80.12	64.54	59.97
2868	92.5	87.17	80.2	80.13	64.54	59.96
2867	92.52	87.18	80.21	80.14	64.54	59.96
2866	92.53	87.18	80.21	80.16	64.54	59.96
2865	92.54	87.19	80.21	80.17	64.54	59.97
2864	92.54	87.19	80.21	80.19	64.54	59.97
2863	92.54	87.19	80.2	80.21	64.56	59.96
2862	92.54	87.18	80.19	80.23	64.57	59.96
2861	92.54	87.19	80.18	80.24	64.59	59.96
2860	92.53	87.2	80.18	80.26	64.6	59.96
2859	92.53	87.22	80.18	80.28	64.6	59.96
2858	92.53	87.24	80.18	80.3	64.6	59.97
2857	92.53	87.25	80.18	80.32	64.6	59.97
2856	92.53	87.26	80.18	80.33	64.59	59.97
2855	92.53	87.25	80.18	80.35	64.58	59.97
2854	92.52	87.24	80.18	80.36	64.57	59.96
2853	92.5	87.24	80.17	80.37	64.56	59.95
2852	92.48	87.24	80.17	80.37	64.55	59.94
2851	92.46	87.26	80.16	80.36	64.55	59.93
2850	92.44	87.27	80.16	80.36	64.54	59.92
2849	92.42	87.29	80.17	80.34	64.54	59.92
2848	92.42	87.31	80.18	80.33	64.54	59.92
2847	92.42	87.32	80.19	80.3	64.53	59.92
2846	92.44	87.32	80.2	80.28	64.52	59.92
2845	92.46	87.33	80.2	80.25	64.52	59.92
2844	92.47	87.35	80.21	80.24	64.51	59.92
2843	92.49	87.36	80.21	80.23	64.5	59.92
2842	92.51	87.37	80.22	80.22	64.49	59.92
2841	92.53	87.38	80.23	80.22	64.49	59.92
2840	92.56	87.39	80.24	80.23	64.49	59.92
2839	92.57	87.4	80.24	80.23	64.49	59.91
2838	92.58	87.41	80.24	80.23	64.49	59.9
2837	92.58	87.42	80.24	80.23	64.49	59.9
2836	92.58	87.43	80.24	80.23	64.48	59.9
2835	92.58	87.44	80.24	80.23	64.48	59.9
2834	92.59	87.45	80.25	80.23	64.47	59.9
2833	92.6	87.46	80.25	80.23	64.46	59.9
2832	92.61	87.47	80.26	80.22	64.45	59.9
2831	92.61	87.49	80.26	80.21	64.44	59.9
2830	92.61	87.51	80.26	80.21	64.43	59.9
2829	92.62	87.53	80.26	80.21	64.43	59.89
2828	92.63	87.54	80.27	80.21	64.43	59.89

2827	92.64	87.55	80.27	80.21	64.43	59.89
2826	92.65	87.56	80.28	80.21	64.42	59.88
2825	92.66	87.57	80.28	80.21	64.42	59.88
2824	92.67	87.6	80.27	80.21	64.42	59.88
2823	92.67	87.62	80.26	80.21	64.42	59.87
2822	92.67	87.63	80.26	80.21	64.41	59.87
2821	92.67	87.63	80.26	80.21	64.41	59.86
2820	92.67	87.63	80.27	80.2	64.41	59.85
2819	92.67	87.63	80.28	80.2	64.41	59.85
2818	92.67	87.64	80.3	80.21	64.41	59.84
2817	92.67	87.65	80.3	80.21	64.4	59.84
2816	92.68	87.67	80.3	80.21	64.4	59.84
2815	92.69	87.69	80.3	80.21	64.39	59.84
2814	92.7	87.7	80.3	80.21	64.39	59.85
2813	92.71	87.72	80.31	80.21	64.38	59.84
2812	92.71	87.74	80.31	80.21	64.38	59.84
2811	92.72	87.77	80.32	80.22	64.38	59.84
2810	92.72	87.79	80.32	80.22	64.38	59.84
2809	92.72	87.79	80.32	80.22	64.37	59.84
2808	92.72	87.8	80.31	80.22	64.36	59.84
2807	92.73	87.8	80.32	80.22	64.36	59.83
2806	92.73	87.8	80.32	80.23	64.36	59.83
2805	92.74	87.81	80.33	80.23	64.35	59.82
2804	92.74	87.83	80.33	80.23	64.35	59.81
2803	92.75	87.84	80.33	80.23	64.35	59.81
2802	92.75	87.85	80.34	80.22	64.36	59.8
2801	92.76	87.87	80.34	80.22	64.36	59.8
2800	92.77	87.89	80.35	80.21	64.36	59.8
2799	92.78	87.9	80.35	80.21	64.35	59.8
2798	92.79	87.92	80.36	80.21	64.35	59.81
2797	92.79	87.93	80.36	80.21	64.34	59.81
2796	92.78	87.94	80.36	80.21	64.33	59.81
2795	92.78	87.95	80.36	80.21	64.33	59.8
2794	92.78	87.97	80.36	80.21	64.32	59.79
2793	92.79	87.99	80.36	80.22	64.32	59.79
2792	92.8	88.01	80.37	80.22	64.32	59.79
2791	92.8	88.03	80.38	80.22	64.32	59.79
2790	92.8	88.05	80.39	80.22	64.33	59.79
2789	92.8	88.06	80.4	80.22	64.33	59.78
2788	92.8	88.08	80.4	80.22	64.33	59.78
2787	92.81	88.1	80.4	80.22	64.33	59.77
2786	92.82	88.11	80.41	80.22	64.32	59.77
2785	92.84	88.11	80.42	80.22	64.31	59.76
2784	92.84	88.12	80.43	80.22	64.3	59.76
2783	92.85	88.13	80.44	80.22	64.3	59.75

2782	92.85	88.15	80.45	80.22	64.29	59.74
2781	92.84	88.17	80.46	80.23	64.28	59.74
2780	92.84	88.2	80.47	80.22	64.28	59.73
2779	92.84	88.21	80.47	80.22	64.27	59.72
2778	92.84	88.22	80.48	80.21	64.26	59.72
2777	92.86	88.24	80.48	80.21	64.26	59.71
2776	92.87	88.25	80.48	80.21	64.26	59.71
2775	92.88	88.26	80.49	80.2	64.27	59.71
2774	92.88	88.28	80.5	80.2	64.27	59.71
2773	92.88	88.3	80.51	80.2	64.27	59.71
2772	92.88	88.31	80.52	80.2	64.27	59.7
2771	92.88	88.32	80.53	80.2	64.27	59.7
2770	92.88	88.34	80.54	80.2	64.26	59.7
2769	92.88	88.35	80.55	80.19	64.25	59.69
2768	92.88	88.38	80.56	80.19	64.24	59.7
2767	92.89	88.4	80.57	80.19	64.23	59.7
2766	92.89	88.42	80.58	80.2	64.23	59.69
2765	92.9	88.43	80.59	80.22	64.23	59.69
2764	92.91	88.44	80.6	80.22	64.23	59.68
2763	92.92	88.45	80.61	80.22	64.23	59.68
2762	92.93	88.46	80.63	80.22	64.23	59.67
2761	92.94	88.48	80.64	80.21	64.23	59.67
2760	92.94	88.51	80.65	80.2	64.22	59.66
2759	92.95	88.52	80.66	80.2	64.22	59.66
2758	92.95	88.54	80.67	80.2	64.22	59.66
2757	92.95	88.55	80.68	80.19	64.21	59.65
2756	92.94	88.56	80.69	80.19	64.21	59.65
2755	92.94	88.57	80.7	80.19	64.2	59.65
2754	92.94	88.58	80.71	80.19	64.2	59.65
2753	92.95	88.6	80.73	80.2	64.19	59.65
2752	92.95	88.61	80.74	80.2	64.19	59.64
2751	92.96	88.62	80.76	80.2	64.18	59.63
2750	92.97	88.63	80.78	80.19	64.18	59.62
2749	92.98	88.65	80.8	80.19	64.18	59.61
2748	92.98	88.66	80.81	80.19	64.18	59.6
2747	92.99	88.68	80.82	80.19	64.18	59.59
2746	92.99	88.69	80.82	80.19	64.19	59.59
2745	92.99	88.7	80.82	80.2	64.19	59.59
2744	92.98	88.71	80.83	80.2	64.18	59.59
2743	92.98	88.72	80.84	80.2	64.18	59.59
2742	92.98	88.74	80.85	80.2	64.17	59.59
2741	92.98	88.76	80.86	80.19	64.16	59.59
2740	92.98	88.79	80.88	80.18	64.16	59.58
2739	92.99	88.81	80.9	80.18	64.15	59.58
2738	93	88.83	80.92	80.17	64.15	59.57

2737	93	88.84	80.94	80.17	64.15	59.57
2736	93.01	88.84	80.95	80.17	64.15	59.57
2735	93.02	88.85	80.96	80.18	64.15	59.56
2734	93.03	88.87	80.97	80.18	64.14	59.56
2733	93.03	88.88	80.99	80.18	64.14	59.56
2732	93.03	88.9	81.01	80.17	64.13	59.55
2731	93.03	88.92	81.02	80.18	64.12	59.55
2730	93.04	88.93	81.05	80.18	64.12	59.54
2729	93.04	88.95	81.07	80.18	64.12	59.54
2728	93.05	88.97	81.08	80.18	64.12	59.54
2727	93.05	88.98	81.1	80.17	64.13	59.53
2726	93.06	89	81.1	80.17	64.13	59.53
2725	93.06	89.01	81.11	80.17	64.13	59.53
2724	93.06	89.02	81.12	80.18	64.13	59.53
2723	93.07	89.03	81.13	80.19	64.12	59.52
2722	93.07	89.04	81.14	80.19	64.12	59.52
2721	93.07	89.05	81.15	80.19	64.12	59.51
2720	93.07	89.06	81.17	80.19	64.12	59.51
2719	93.07	89.08	81.18	80.18	64.12	59.5
2718	93.07	89.1	81.2	80.18	64.11	59.5
2717	93.07	89.12	81.21	80.17	64.1	59.49
2716	93.08	89.14	81.22	80.17	64.09	59.49
2715	93.08	89.15	81.23	80.17	64.09	59.49
2714	93.09	89.16	81.24	80.17	64.08	59.48
2713	93.09	89.17	81.25	80.17	64.08	59.47
2712	93.1	89.19	81.26	80.18	64.09	59.47
2711	93.1	89.2	81.28	80.19	64.09	59.46
2710	93.11	89.22	81.31	80.19	64.09	59.46
2709	93.11	89.24	81.33	80.18	64.09	59.46
2708	93.12	89.25	81.35	80.18	64.08	59.45
2707	93.12	89.26	81.37	80.18	64.08	59.45
2706	93.12	89.27	81.38	80.18	64.08	59.44
2705	93.12	89.27	81.39	80.17	64.08	59.44
2704	93.13	89.28	81.41	80.17	64.08	59.44
2703	93.13	89.29	81.43	80.17	64.08	59.44
2702	93.14	89.3	81.45	80.17	64.08	59.43
2701	93.15	89.32	81.46	80.18	64.07	59.42
2700	93.15	89.34	81.48	80.18	64.07	59.42
2699	93.16	89.36	81.49	80.18	64.06	59.42
2698	93.17	89.37	81.5	80.18	64.06	59.42
2697	93.17	89.38	81.52	80.18	64.06	59.42
2696	93.17	89.39	81.54	80.17	64.05	59.41
2695	93.16	89.41	81.56	80.17	64.05	59.4
2694	93.17	89.41	81.57	80.16	64.05	59.39
2693	93.18	89.42	81.58	80.16	64.04	59.39

2692	93.18	89.43	81.59	80.16	64.03	59.38
2691	93.19	89.45	81.6	80.16	64.03	59.38
2690	93.19	89.46	81.61	80.16	64.03	59.38
2689	93.19	89.48	81.63	80.15	64.03	59.37
2688	93.19	89.5	81.64	80.15	64.02	59.37
2687	93.2	89.51	81.66	80.14	64.02	59.37
2686	93.21	89.52	81.67	80.14	64.02	59.37
2685	93.22	89.52	81.68	80.14	64.02	59.37
2684	93.23	89.53	81.7	80.15	64.02	59.36
2683	93.23	89.54	81.72	80.16	64.01	59.36
2682	93.22	89.55	81.74	80.16	64	59.36
2681	93.22	89.56	81.76	80.16	64	59.35
2680	93.22	89.57	81.77	80.15	64	59.35
2679	93.23	89.59	81.78	80.15	64	59.34
2678	93.23	89.6	81.79	80.14	63.99	59.34
2677	93.24	89.61	81.81	80.14	63.99	59.34
2676	93.24	89.62	81.83	80.14	63.99	59.34
2675	93.24	89.63	81.84	80.13	63.99	59.33
2674	93.24	89.64	81.85	80.13	63.99	59.33
2673	93.24	89.66	81.86	80.12	63.98	59.32
2672	93.25	89.68	81.87	80.13	63.97	59.32
2671	93.25	89.7	81.89	80.13	63.97	59.31
2670	93.25	89.72	81.9	80.13	63.96	59.3
2669	93.26	89.73	81.92	80.13	63.96	59.3
2668	93.26	89.74	81.93	80.13	63.96	59.29
2667	93.27	89.75	81.93	80.12	63.95	59.29
2666	93.29	89.75	81.94	80.12	63.95	59.29
2665	93.3	89.76	81.95	80.11	63.95	59.29
2664	93.32	89.76	81.96	80.11	63.94	59.29
2663	93.33	89.76	81.97	80.11	63.94	59.29
2662	93.34	89.76	81.98	80.12	63.93	59.28
2661	93.35	89.77	81.99	80.11	63.91	59.27
2660	93.34	89.78	82	80.11	63.9	59.27
2659	93.34	89.79	82.01	80.1	63.9	59.27
2658	93.34	89.8	82.02	80.09	63.9	59.27
2657	93.34	89.81	82.03	80.09	63.9	59.26
2656	93.33	89.83	82.03	80.09	63.9	59.26
2655	93.32	89.84	82.03	80.1	63.89	59.26
2654	93.32	89.84	82.03	80.1	63.88	59.26
2653	93.33	89.84	82.04	80.09	63.88	59.25
2652	93.35	89.85	82.05	80.08	63.87	59.25
2651	93.35	89.86	82.06	80.07	63.86	59.25
2650	93.36	89.87	82.07	80.06	63.85	59.24
2649	93.36	89.88	82.08	80.05	63.85	59.24
2648	93.36	89.89	82.08	80.04	63.85	59.24

2647	93.36	89.9	82.08	80.05	63.85	59.23
2646	93.36	89.91	82.09	80.05	63.84	59.23
2645	93.36	89.92	82.09	80.05	63.84	59.23
2644	93.36	89.92	82.1	80.05	63.83	59.23
2643	93.35	89.92	82.11	80.05	63.83	59.23
2642	93.35	89.92	82.12	80.05	63.84	59.23
2641	93.35	89.92	82.14	80.05	63.84	59.23
2640	93.36	89.93	82.15	80.05	63.85	59.22
2639	93.36	89.95	82.17	80.04	63.85	59.21
2638	93.36	89.97	82.18	80.03	63.85	59.21
2637	93.36	89.98	82.19	80.03	63.84	59.21
2636	93.36	89.99	82.2	80.03	63.84	59.2
2635	93.35	89.99	82.2	80.02	63.83	59.19
2634	93.35	89.98	82.2	80.02	63.82	59.19
2633	93.35	89.99	82.2	80.01	63.81	59.19
2632	93.35	90	82.21	80	63.81	59.19
2631	93.34	90.02	82.21	79.99	63.8	59.18
2630	93.35	90.03	82.22	79.98	63.8	59.18
2629	93.35	90.04	82.23	79.98	63.8	59.19
2628	93.36	90.05	82.24	79.97	63.79	59.19
2627	93.36	90.05	82.24	79.97	63.79	59.2
2626	93.36	90.05	82.26	79.97	63.78	59.2
2625	93.35	90.06	82.27	79.96	63.77	59.2
2624	93.34	90.06	82.28	79.95	63.77	59.2
2623	93.34	90.07	82.29	79.95	63.77	59.2
2622	93.33	90.08	82.29	79.94	63.77	59.19
2621	93.33	90.09	82.3	79.94	63.77	59.19
2620	93.33	90.11	82.31	79.95	63.77	59.18
2619	93.34	90.12	82.32	79.95	63.77	59.17
2618	93.34	90.13	82.34	79.96	63.78	59.17
2617	93.34	90.13	82.35	79.96	63.78	59.17
2616	93.33	90.13	82.36	79.96	63.78	59.17
2615	93.33	90.14	82.36	79.95	63.78	59.17
2614	93.33	90.13	82.37	79.95	63.77	59.17
2613	93.33	90.13	82.37	79.93	63.77	59.16
2612	93.33	90.13	82.37	79.92	63.76	59.16
2611	93.33	90.14	82.37	79.91	63.75	59.16
2610	93.33	90.16	82.38	79.92	63.74	59.17
2609	93.33	90.18	82.38	79.92	63.73	59.17
2608	93.32	90.2	82.39	79.92	63.73	59.16
2607	93.32	90.22	82.4	79.91	63.73	59.16
2606	93.32	90.24	82.41	79.91	63.73	59.15
2605	93.32	90.25	82.41	79.91	63.74	59.15
2604	93.32	90.25	82.41	79.91	63.74	59.16
2603	93.32	90.24	82.42	79.92	63.74	59.16

2602	93.31	90.24	82.42	79.92	63.74	59.16
2601	93.31	90.25	82.42	79.92	63.73	59.15
2600	93.31	90.27	82.42	79.92	63.72	59.15
2599	93.31	90.28	82.43	79.92	63.71	59.14
2598	93.32	90.29	82.45	79.91	63.71	59.14
2597	93.34	90.29	82.48	79.9	63.71	59.14
2596	93.35	90.29	82.5	79.88	63.72	59.14
2595	93.35	90.29	82.51	79.88	63.73	59.15
2594	93.34	90.32	82.52	79.88	63.73	59.15
2593	93.33	90.35	82.53	79.88	63.72	59.15
2592	93.33	90.37	82.55	79.89	63.72	59.15
2591	93.33	90.37	82.56	79.89	63.71	59.14
2590	93.34	90.36	82.58	79.88	63.7	59.14
2589	93.35	90.34	82.59	79.87	63.7	59.13
2588	93.35	90.34	82.6	79.85	63.7	59.13
2587	93.34	90.35	82.61	79.84	63.7	59.13
2586	93.33	90.37	82.61	79.83	63.69	59.13
2585	93.33	90.38	82.61	79.83	63.68	59.13
2584	93.32	90.4	82.61	79.83	63.67	59.12
2583	93.33	90.4	82.62	79.83	63.67	59.11
2582	93.33	90.4	82.63	79.84	63.68	59.11
2581	93.33	90.4	82.65	79.84	63.68	59.11
2580	93.34	90.4	82.67	79.85	63.69	59.12
2579	93.34	90.4	82.68	79.84	63.68	59.12
2578	93.33	90.42	82.69	79.83	63.67	59.13
2577	93.33	90.42	82.7	79.82	63.67	59.13
2576	93.34	90.42	82.72	79.81	63.67	59.12
2575	93.35	90.41	82.74	79.81	63.67	59.11
2574	93.35	90.4	82.75	79.82	63.68	59.1
2573	93.35	90.4	82.75	79.83	63.67	59.1
2572	93.34	90.41	82.74	79.84	63.66	59.1
2571	93.33	90.43	82.72	79.85	63.64	59.11
2570	93.34	90.45	82.72	79.85	63.63	59.1
2569	93.35	90.47	82.72	79.84	63.63	59.1
2568	93.36	90.48	82.74	79.84	63.63	59.09
2567	93.36	90.49	82.76	79.84	63.64	59.08
2566	93.36	90.5	82.78	79.83	63.65	59.09
2565	93.35	90.51	82.8	79.82	63.65	59.1
2564	93.35	90.52	82.8	79.8	63.65	59.1
2563	93.35	90.54	82.8	79.8	63.65	59.09
2562	93.35	90.55	82.8	79.8	63.65	59.08
2561	93.36	90.57	82.8	79.8	63.64	59.07
2560	93.37	90.57	82.8	79.81	63.64	59.06
2559	93.38	90.57	82.82	79.81	63.63	59.06
2558	93.38	90.56	82.83	79.8	63.63	59.06

2557	93.39	90.56	82.85	79.79	63.62	59.06
2556	93.4	90.57	82.87	79.78	63.62	59.05
2555	93.41	90.58	82.88	79.78	63.61	59.05
2554	93.42	90.59	82.89	79.78	63.61	59.06
2553	93.42	90.61	82.89	79.78	63.61	59.06
2552	93.42	90.63	82.89	79.78	63.61	59.07
2551	93.42	90.65	82.89	79.78	63.6	59.07
2550	93.41	90.67	82.9	79.78	63.6	59.07
2549	93.39	90.68	82.91	79.78	63.6	59.06
2548	93.38	90.68	82.94	79.78	63.59	59.06
2547	93.38	90.68	82.96	79.78	63.59	59.06
2546	93.38	90.68	82.98	79.77	63.59	59.06
2545	93.38	90.68	82.98	79.76	63.59	59.05
2544	93.38	90.68	82.98	79.76	63.58	59.04
2543	93.38	90.68	82.98	79.76	63.58	59.03
2542	93.37	90.7	82.98	79.77	63.59	59.02
2541	93.36	90.71	83	79.79	63.6	59.01
2540	93.37	90.71	83.02	79.8	63.6	59.01
2539	93.38	90.72	83.04	79.81	63.6	59.01
2538	93.39	90.72	83.05	79.8	63.59	59.02
2537	93.39	90.74	83.05	79.78	63.58	59.02
2536	93.4	90.75	83.06	79.76	63.56	59.02
2535	93.4	90.76	83.06	79.75	63.55	59.01
2534	93.41	90.76	83.07	79.74	63.55	59
2533	93.4	90.77	83.08	79.73	63.56	59
2532	93.4	90.79	83.09	79.72	63.57	59
2531	93.39	90.81	83.11	79.71	63.58	59.01
2530	93.4	90.83	83.12	79.7	63.59	59.01
2529	93.41	90.83	83.14	79.7	63.59	59
2528	93.41	90.81	83.16	79.7	63.58	59
2527	93.41	90.81	83.16	79.7	63.58	58.99
2526	93.4	90.81	83.17	79.71	63.57	58.99
2525	93.38	90.82	83.18	79.72	63.56	58.99
2524	93.38	90.82	83.2	79.72	63.56	58.98
2523	93.39	90.82	83.21	79.72	63.56	58.98
2522	93.4	90.82	83.22	79.72	63.57	58.97
2521	93.42	90.82	83.23	79.71	63.57	58.97
2520	93.43	90.83	83.24	79.71	63.57	58.97
2519	93.44	90.85	83.25	79.71	63.56	58.97
2518	93.44	90.87	83.25	79.71	63.55	58.97
2517	93.43	90.89	83.26	79.71	63.54	58.96
2516	93.41	90.91	83.26	79.7	63.53	58.96
2515	93.4	90.93	83.26	79.68	63.53	58.95
2514	93.4	90.93	83.26	79.67	63.53	58.95
2513	93.4	90.93	83.26	79.66	63.53	58.95

2512	93.41	90.93	83.27	79.65	63.52	58.94
2511	93.42	90.92	83.28	79.66	63.51	58.92
2510	93.42	90.91	83.29	79.66	63.51	58.92
2509	93.41	90.91	83.3	79.67	63.5	58.92
2508	93.41	90.91	83.32	79.66	63.5	58.92
2507	93.41	90.91	83.33	79.66	63.5	58.92
2506	93.41	90.92	83.33	79.66	63.5	58.92
2505	93.41	90.93	83.34	79.67	63.49	58.92
2504	93.42	90.93	83.35	79.68	63.48	58.92
2503	93.43	90.94	83.36	79.69	63.48	58.92
2502	93.44	90.95	83.39	79.69	63.48	58.92
2501	93.45	90.96	83.4	79.67	63.48	58.92
2500	93.45	90.97	83.42	79.65	63.47	58.91
2499	93.46	90.98	83.42	79.63	63.46	58.9
2498	93.46	90.98	83.43	79.62	63.46	58.89
2497	93.46	90.99	83.44	79.63	63.46	58.88
2496	93.46	90.99	83.46	79.65	63.45	58.87
2495	93.47	91	83.48	79.65	63.45	58.86
2494	93.49	91	83.49	79.65	63.45	58.85
2493	93.5	91	83.5	79.65	63.45	58.84
2492	93.5	90.99	83.51	79.64	63.46	58.85
2491	93.5	90.99	83.52	79.64	63.46	58.85
2490	93.49	91	83.52	79.64	63.46	58.85
2489	93.49	91.01	83.53	79.64	63.45	58.84
2488	93.49	91.03	83.53	79.64	63.45	58.84
2487	93.5	91.05	83.53	79.63	63.44	58.84
2486	93.51	91.06	83.54	79.62	63.43	58.84
2485	93.51	91.07	83.56	79.61	63.43	58.84
2484	93.51	91.08	83.58	79.6	63.42	58.84
2483	93.5	91.09	83.6	79.6	63.41	58.83
2482	93.5	91.09	83.62	79.61	63.41	58.83
2481	93.5	91.09	83.64	79.61	63.4	58.83
2480	93.5	91.09	83.66	79.61	63.4	58.84
2479	93.51	91.1	83.66	79.61	63.39	58.84
2478	93.52	91.11	83.66	79.61	63.38	58.84
2477	93.52	91.11	83.67	79.61	63.37	58.83
2476	93.53	91.11	83.67	79.61	63.37	58.82
2475	93.53	91.12	83.69	79.61	63.37	58.81
2474	93.54	91.12	83.71	79.61	63.38	58.79
2473	93.54	91.13	83.73	79.62	63.38	58.78
2472	93.54	91.15	83.74	79.62	63.39	58.78
2471	93.55	91.17	83.75	79.62	63.39	58.77
2470	93.56	91.19	83.76	79.62	63.38	58.78
2469	93.56	91.19	83.77	79.61	63.37	58.78
2468	93.56	91.19	83.77	79.58	63.36	58.78

2467	93.55	91.19	83.77	79.56	63.35	58.78
2466	93.55	91.19	83.78	79.55	63.34	58.77
2465	93.55	91.19	83.79	79.56	63.34	58.77
2464	93.55	91.19	83.81	79.59	63.35	58.77
2463	93.55	91.19	83.84	79.6	63.36	58.77
2462	93.56	91.19	83.87	79.61	63.36	58.76
2461	93.57	91.19	83.89	79.6	63.36	58.75
2460	93.58	91.2	83.89	79.58	63.35	58.74
2459	93.58	91.2	83.9	79.57	63.33	58.74
2458	93.58	91.21	83.9	79.55	63.3	58.73
2457	93.58	91.21	83.9	79.55	63.29	58.73
2456	93.58	91.21	83.91	79.55	63.29	58.73
2455	93.59	91.22	83.92	79.56	63.29	58.73
2454	93.59	91.23	83.93	79.57	63.29	58.74
2453	93.6	91.24	83.94	79.57	63.3	58.74
2452	93.6	91.25	83.95	79.57	63.29	58.74
2451	93.61	91.25	83.97	79.57	63.28	58.74
2450	93.61	91.24	83.98	79.56	63.27	58.73
2449	93.6	91.24	84	79.56	63.26	58.73
2448	93.58	91.24	84.01	79.55	63.26	58.73
2447	93.57	91.25	84.02	79.55	63.26	58.74
2446	93.57	91.27	84.02	79.56	63.26	58.73
2445	93.58	91.29	84.03	79.57	63.26	58.71
2444	93.59	91.31	84.04	79.57	63.26	58.7
2443	93.59	91.31	84.05	79.57	63.26	58.69
2442	93.6	91.3	84.06	79.56	63.25	58.68
2441	93.6	91.29	84.07	79.55	63.25	58.68
2440	93.61	91.28	84.08	79.54	63.24	58.68
2439	93.61	91.28	84.1	79.53	63.25	58.69
2438	93.61	91.29	84.11	79.53	63.25	58.69
2437	93.6	91.31	84.12	79.53	63.24	58.69
2436	93.59	91.33	84.14	79.53	63.23	58.69
2435	93.59	91.34	84.16	79.54	63.22	58.69
2434	93.59	91.35	84.19	79.54	63.21	58.69
2433	93.59	91.35	84.21	79.54	63.21	58.69
2432	93.59	91.34	84.22	79.54	63.22	58.69
2431	93.59	91.35	84.23	79.53	63.23	58.68
2430	93.59	91.36	84.25	79.52	63.23	58.66
2429	93.6	91.37	84.26	79.51	63.22	58.65
2428	93.61	91.38	84.28	79.5	63.21	58.64
2427	93.62	91.39	84.28	79.49	63.2	58.64
2426	93.63	91.39	84.29	79.5	63.2	58.64
2425	93.63	91.39	84.29	79.51	63.19	58.64
2424	93.62	91.39	84.3	79.52	63.19	58.64
2423	93.6	91.38	84.31	79.53	63.18	58.64

2422	93.6	91.38	84.33	79.53	63.18	58.63
2421	93.61	91.39	84.35	79.52	63.18	58.63
2420	93.62	91.41	84.37	79.51	63.17	58.62
2419	93.63	91.42	84.39	79.5	63.16	58.61
2418	93.63	91.43	84.41	79.5	63.16	58.6
2417	93.62	91.45	84.42	79.5	63.15	58.59
2416	93.61	91.46	84.42	79.49	63.15	58.59
2415	93.61	91.46	84.44	79.49	63.14	58.59
2414	93.61	91.46	84.45	79.49	63.14	58.59
2413	93.62	91.46	84.47	79.49	63.14	58.6
2412	93.62	91.47	84.49	79.49	63.14	58.6
2411	93.63	91.48	84.5	79.49	63.13	58.6
2410	93.63	91.49	84.51	79.5	63.12	58.59
2409	93.63	91.49	84.53	79.51	63.11	58.59
2408	93.63	91.49	84.55	79.52	63.11	58.58
2407	93.63	91.48	84.57	79.52	63.12	58.58
2406	93.63	91.48	84.58	79.52	63.13	58.57
2405	93.63	91.48	84.6	79.51	63.13	58.56
2404	93.62	91.49	84.61	79.51	63.13	58.55
2403	93.62	91.5	84.62	79.5	63.11	58.55
2402	93.63	91.51	84.63	79.48	63.1	58.55
2401	93.63	91.5	84.65	79.47	63.09	58.55
2400	93.64	91.51	84.66	79.47	63.08	58.55
2399	93.65	91.51	84.68	79.47	63.08	58.54
2398	93.66	91.53	84.7	79.48	63.09	58.53
2397	93.67	91.55	84.71	79.49	63.09	58.51
2396	93.68	91.56	84.73	79.49	63.09	58.5
2395	93.69	91.57	84.75	79.48	63.08	58.49
2394	93.7	91.57	84.77	79.47	63.07	58.49
2393	93.7	91.57	84.79	79.46	63.07	58.48
2392	93.7	91.57	84.81	79.46	63.07	58.48
2391	93.71	91.57	84.83	79.46	63.06	58.48
2390	93.72	91.58	84.84	79.46	63.06	58.48
2389	93.72	91.58	84.86	79.47	63.05	58.49
2388	93.73	91.58	84.88	79.47	63.03	58.49
2387	93.73	91.59	84.89	79.47	63.01	58.49
2386	93.72	91.59	84.9	79.46	62.99	58.48
2385	93.71	91.58	84.91	79.45	62.97	58.48
2384	93.71	91.57	84.92	79.44	62.95	58.47
2383	93.72	91.56	84.93	79.43	62.92	58.47
2382	93.73	91.56	84.94	79.44	62.89	58.47
2381	93.73	91.57	84.96	79.45	62.86	58.47
2380	93.73	91.58	84.98	79.45	62.83	58.47
2379	93.73	91.58	85.01	79.45	62.8	58.47
2378	93.72	91.56	85.03	79.45	62.76	58.47

2377	93.73	91.52	85.05	79.45	62.73	58.47
2376	93.74	91.49	85.05	79.45	62.7	58.46
2375	93.75	91.48	85.06	79.45	62.69	58.46
2374	93.76	91.5	85.08	79.44	62.71	58.45
2373	93.74	91.55	85.09	79.43	62.73	58.44
2372	93.72	91.62	85.11	79.42	62.76	58.43
2371	93.7	91.67	85.13	79.42	62.78	58.42
2370	93.7	91.68	85.16	79.42	62.79	58.42
2369	93.73	91.65	85.19	79.43	62.78	58.42
2368	93.76	91.61	85.21	79.44	62.77	58.42
2367	93.78	91.61	85.22	79.44	62.76	58.42
2366	93.8	91.65	85.23	79.44	62.74	58.42
2365	93.81	91.67	85.22	79.42	62.73	58.41
2364	93.82	91.67	85.22	79.4	62.7	58.4
2363	93.83	91.63	85.22	79.39	62.66	58.39
2362	93.84	91.58	85.21	79.4	62.61	58.38
2361	93.84	91.54	85.21	79.43	62.58	58.38
2360	93.84	91.55	85.22	79.46	62.58	58.38
2359	93.83	91.59	85.23	79.48	62.6	58.39
2358	93.83	91.65	85.24	79.48	62.63	58.39
2357	93.82	91.7	85.25	79.48	62.67	58.39
2356	93.81	91.74	85.28	79.47	62.73	58.38
2355	93.81	91.79	85.32	79.47	62.8	58.36
2354	93.81	91.84	85.36	79.48	62.87	58.34
2353	93.82	91.89	85.38	79.5	62.93	58.32
2352	93.84	91.91	85.4	79.53	62.95	58.31
2351	93.86	91.9	85.4	79.54	62.88	58.3
2350	93.87	91.86	85.39	79.5	62.73	58.31
2349	93.87	91.81	85.38	79.44	62.6	58.32
2348	93.88	91.75	85.38	79.37	62.57	58.33
2347	93.9	91.7	85.39	79.34	62.63	58.33
2346	93.93	91.66	85.4	79.34	62.7	58.33
2345	93.98	91.63	85.41	79.36	62.66	58.33
2344	94.01	91.63	85.42	79.39	62.53	58.33
2343	94.01	91.65	85.42	79.42	62.41	58.33
2342	93.98	91.68	85.43	79.43	62.38	58.33
2341	93.95	91.71	85.44	79.42	62.46	58.32
2340	93.93	91.72	85.45	79.41	62.54	58.32
2339	93.93	91.71	85.46	79.4	62.59	58.31
2338	93.93	91.72	85.46	79.4	62.63	58.31
2337	93.93	91.73	85.46	79.4	62.65	58.31
2336	93.93	91.75	85.47	79.4	62.66	58.31
2335	93.93	91.77	85.48	79.41	62.67	58.3
2334	93.93	91.78	85.5	79.42	62.68	58.3
2333	93.93	91.78	85.51	79.42	62.7	58.29

2332	93.95	91.77	85.52	79.41	62.73	58.29
2331	93.97	91.77	85.55	79.4	62.76	58.29
2330	93.98	91.77	85.57	79.39	62.77	58.3
2329	93.99	91.78	85.58	79.38	62.76	58.3
2328	94.01	91.78	85.58	79.38	62.75	58.3
2327	94.05	91.79	85.56	79.38	62.72	58.28
2326	94.1	91.79	85.54	79.37	62.7	58.26
2325	94.15	91.79	85.53	79.36	62.7	58.25
2324	94.18	91.77	85.52	79.36	62.72	58.24
2323	94.17	91.76	85.52	79.35	62.74	58.25
2322	94.13	91.76	85.53	79.34	62.75	58.25
2321	94.09	91.78	85.55	79.32	62.76	58.26
2320	94.06	91.79	85.56	79.31	62.78	58.28
2319	94.04	91.8	85.57	79.31	62.8	58.29
2318	94.02	91.81	85.57	79.31	62.83	58.31
2317	93.99	91.81	85.56	79.31	62.84	58.31
2316	93.98	91.82	85.56	79.3	62.86	58.31
2315	93.98	91.82	85.56	79.29	62.86	58.3
2314	93.99	91.81	85.58	79.29	62.87	58.3
2313	94.02	91.8	85.59	79.29	62.85	58.3
2312	94.04	91.8	85.59	79.29	62.82	58.3
2311	94.05	91.81	85.6	79.29	62.78	58.31
2310	94.05	91.83	85.61	79.27	62.75	58.32
2309	94.05	91.84	85.63	79.25	62.73	58.33
2308	94.04	91.84	85.64	79.23	62.72	58.33
2307	94.03	91.82	85.65	79.21	62.72	58.32
2306	94.02	91.8	85.66	79.2	62.72	58.32
2305	94.01	91.79	85.65	79.2	62.7	58.31
2304	94	91.78	85.64	79.2	62.69	58.32
2303	94	91.79	85.63	79.21	62.68	58.33
2302	94.01	91.8	85.63	79.21	62.67	58.33
2301	94.03	91.81	85.63	79.2	62.67	58.34
2300	94.04	91.81	85.64	79.19	62.66	58.35
2299	94.05	91.81	85.65	79.18	62.64	58.35
2298	94.06	91.81	85.66	79.17	62.64	58.34
2297	94.07	91.79	85.66	79.17	62.63	58.34
2296	94.08	91.78	85.66	79.18	62.63	58.33
2295	94.08	91.79	85.65	79.18	62.63	58.33
2294	94.08	91.8	85.64	79.17	62.63	58.33
2293	94.08	91.81	85.63	79.17	62.63	58.34
2292	94.08	91.82	85.62	79.17	62.64	58.35
2291	94.08	91.81	85.61	79.16	62.65	58.36
2290	94.08	91.8	85.61	79.14	62.65	58.37
2289	94.08	91.79	85.62	79.12	62.66	58.38
2288	94.08	91.79	85.62	79.12	62.65	58.39

2287	94.08	91.79	85.64	79.13	62.66	58.4
2286	94.08	91.79	85.66	79.13	62.66	58.4
2285	94.07	91.8	85.68	79.13	62.66	58.41
2284	94.06	91.8	85.69	79.13	62.66	58.42
2283	94.06	91.8	85.69	79.13	62.66	58.43
2282	94.07	91.78	85.69	79.12	62.67	58.44
2281	94.07	91.77	85.68	79.12	62.68	58.44
2280	94.06	91.77	85.68	79.12	62.7	58.45
2279	94.04	91.78	85.68	79.12	62.7	58.46
2278	94.02	91.79	85.69	79.11	62.7	58.47
2277	94.01	91.8	85.7	79.09	62.69	58.49
2276	93.99	91.8	85.71	79.08	62.68	58.5
2275	93.98	91.81	85.71	79.07	62.68	58.5
2274	93.97	91.83	85.7	79.07	62.68	58.51
2273	93.97	91.86	85.7	79.07	62.68	58.51
2272	93.98	91.87	85.7	79.07	62.7	58.52
2271	93.99	91.85	85.71	79.06	62.71	58.53
2270	93.99	91.82	85.73	79.07	62.72	58.55
2269	93.99	91.78	85.76	79.07	62.72	58.56
2268	93.98	91.78	85.79	79.08	62.71	58.56
2267	93.97	91.8	85.82	79.08	62.71	58.56
2266	93.99	91.82	85.84	79.07	62.71	58.57
2265	94	91.83	85.86	79.05	62.73	58.58
2264	94.01	91.81	85.86	79.03	62.73	58.6
2263	94	91.79	85.84	79.01	62.73	58.61
2262	93.98	91.79	85.8	79.01	62.73	58.62
2261	93.97	91.8	85.77	79.01	62.72	58.63
2260	93.97	91.82	85.75	79.01	62.71	58.64
2259	93.98	91.84	85.75	79.03	62.72	58.65
2258	93.98	91.85	85.76	79.05	62.72	58.65
2257	93.97	91.83	85.78	79.06	62.73	58.67
2256	93.96	91.82	85.79	79.05	62.74	58.68
2255	93.95	91.81	85.81	79.03	62.75	58.69
2254	93.95	91.81	85.81	79	62.76	58.68
2253	93.95	91.81	85.8	78.97	62.77	58.66
2252	93.97	91.82	85.8	78.96	62.78	58.65
2251	93.97	91.84	85.81	78.96	62.8	58.65
2250	93.97	91.87	85.84	78.97	62.81	58.66
2249	93.97	91.89	85.87	78.98	62.81	58.67
2248	93.97	91.91	85.88	78.97	62.81	58.67
2247	93.97	91.92	85.89	78.96	62.8	58.68
2246	93.97	91.92	85.89	78.95	62.79	58.69
2245	93.97	91.91	85.88	78.94	62.79	58.7
2244	93.95	91.89	85.87	78.94	62.79	58.7
2243	93.94	91.88	85.87	78.96	62.8	58.7

2242	93.93	91.88	85.88	78.98	62.81	58.7
2241	93.92	91.89	85.88	79	62.81	58.72
2240	93.91	91.9	85.9	79.01	62.8	58.74
2239	93.92	91.91	85.91	79	62.79	58.75
2238	93.93	91.91	85.91	78.98	62.8	58.75
2237	93.95	91.9	85.91	78.97	62.8	58.75
2236	93.96	91.88	85.9	78.96	62.81	58.76
2235	93.95	91.85	85.9	78.94	62.81	58.77
2234	93.93	91.83	85.9	78.91	62.81	58.79
2233	93.92	91.83	85.91	78.89	62.81	58.8
2232	93.9	91.85	85.91	78.89	62.8	58.81
2231	93.91	91.87	85.92	78.89	62.8	58.82
2230	93.92	91.88	85.93	78.9	62.78	58.83
2229	93.94	91.89	85.93	78.9	62.77	58.83
2228	93.96	91.9	85.92	78.89	62.77	58.84
2227	93.96	91.91	85.91	78.88	62.78	58.84
2226	93.94	91.9	85.91	78.89	62.79	58.83
2225	93.92	91.88	85.92	78.9	62.79	58.82
2224	93.92	91.86	85.94	78.92	62.79	58.82
2223	93.92	91.86	85.95	78.93	62.78	58.84
2222	93.93	91.88	85.96	78.93	62.79	58.85
2221	93.94	91.89	85.97	78.9	62.81	58.87
2220	93.95	91.88	85.98	78.88	62.81	58.89
2219	93.96	91.87	85.99	78.87	62.81	58.92
2218	93.97	91.87	86.01	78.87	62.79	58.93
2217	93.98	91.88	86.01	78.88	62.79	58.95
2216	94	91.89	86.01	78.9	62.79	58.95
2215	94	91.89	86	78.91	62.81	58.95
2214	93.98	91.9	86	78.92	62.81	58.95
2213	93.95	91.91	86.01	78.92	62.8	58.95
2212	93.93	91.93	86.02	78.91	62.8	58.96
2211	93.91	91.94	86.04	78.91	62.8	58.96
2210	93.9	91.95	86.06	78.92	62.82	58.97
2209	93.9	91.95	86.07	78.95	62.83	58.96
2208	93.91	91.95	86.06	78.97	62.83	58.96
2207	93.95	91.94	86.05	78.99	62.83	58.96
2206	93.99	91.93	86.03	78.99	62.84	58.97
2205	94.01	91.91	86.03	78.96	62.84	58.98
2204	94.02	91.91	86.04	78.91	62.83	58.99
2203	94.03	91.92	86.04	78.88	62.82	59.02
2202	94.05	91.95	86.03	78.86	62.81	59.06
2201	94.05	91.97	86.01	78.85	62.82	59.1
2200	94.05	91.98	86	78.86	62.83	59.13
2199	94.04	91.98	86.02	78.88	62.84	59.13
2198	94.03	91.98	86.06	78.89	62.86	59.12

2197	94.04	91.98	86.09	78.9	62.87	59.12
2196	94.04	91.97	86.1	78.89	62.88	59.12
2195	94.02	91.95	86.11	78.88	62.89	59.12
2194	93.99	91.95	86.12	78.86	62.9	59.11
2193	93.96	91.96	86.15	78.86	62.89	59.1
2192	93.97	91.97	86.17	78.86	62.9	59.11
2191	94	91.97	86.19	78.87	62.92	59.14
2190	94.02	91.94	86.18	78.88	62.95	59.18
2189	94.01	91.92	86.15	78.89	62.98	59.21
2188	93.97	91.91	86.14	78.89	62.99	59.23
2187	93.94	91.92	86.16	78.9	62.99	59.25
2186	93.93	91.93	86.2	78.9	62.98	59.27
2185	93.94	91.91	86.24	78.88	62.96	59.28
2184	93.95	91.89	86.25	78.86	62.95	59.3
2183	93.96	91.88	86.23	78.85	62.95	59.31
2182	93.97	91.9	86.2	78.85	62.96	59.32
2181	93.99	91.92	86.18	78.84	62.98	59.31
2180	94.02	91.95	86.2	78.82	63.01	59.3
2179	94.01	91.98	86.26	78.79	63.03	59.3
2178	93.98	92	86.32	78.77	63.04	59.31
2177	93.94	92	86.35	78.76	63.03	59.32
2176	93.92	91.99	86.33	78.75	63.02	59.34
2175	93.93	91.98	86.3	78.76	63	59.34
2174	93.95	91.96	86.28	78.78	62.98	59.35
2173	93.98	91.94	86.29	78.81	62.98	59.36
2172	94.01	91.92	86.3	78.84	62.99	59.37
2171	94.04	91.92	86.29	78.85	63.01	59.39
2170	94.07	91.93	86.26	78.84	63.04	59.42
2169	94.09	91.97	86.23	78.83	63.04	59.47
2168	94.1	92.03	86.2	78.84	63.02	59.5
2167	94.1	92.08	86.18	78.85	63	59.54
2166	94.11	92.1	86.18	78.86	62.99	59.57
2165	94.11	92.08	86.21	78.83	63	59.61
2164	94.11	92.02	86.23	78.79	63.03	59.66
2163	94.1	91.97	86.22	78.75	63.06	59.72
2162	94.05	91.94	86.2	78.74	63.1	59.79
2161	93.97	91.94	86.21	78.77	63.16	59.83
2160	93.85	91.96	86.28	78.81	63.24	59.83
2159	93.7	91.98	86.41	78.85	63.33	59.79
2158	93.57	92	86.52	78.87	63.39	59.72
2157	93.52	92.03	86.59	78.86	63.39	59.65
2156	93.57	92.08	86.6	78.84	63.32	59.58
2155	93.68	92.15	86.59	78.84	63.23	59.52
2154	93.77	92.2	86.57	78.84	63.15	59.46
2153	93.81	92.22	86.54	78.85	63.09	59.4

2152	93.79	92.21	86.53	78.86	63.04	59.34
2151	93.76	92.18	86.55	78.87	63	59.28
2150	93.75	92.13	86.59	78.86	62.96	59.23
2149	93.78	92.09	86.65	78.84	62.91	59.2
2148	93.84	92.09	86.69	78.8	62.86	59.18
2147	93.89	92.11	86.7	78.77	62.82	59.16
2146	93.91	92.13	86.68	78.74	62.81	59.12
2145	93.9	92.13	86.66	78.73	62.81	59.07
2144	93.88	92.11	86.65	78.73	62.81	59.01
2143	93.87	92.09	86.66	78.74	62.79	58.97
2142	93.87	92.09	86.67	78.73	62.76	58.94
2141	93.87	92.11	86.67	78.7	62.74	58.9
2140	93.86	92.14	86.66	78.67	62.72	58.86
2139	93.85	92.17	86.65	78.66	62.7	58.82
2138	93.84	92.18	86.68	78.65	62.69	58.79
2137	93.83	92.18	86.71	78.63	62.67	58.77
2136	93.83	92.18	86.75	78.62	62.67	58.75
2135	93.83	92.2	86.77	78.6	62.66	58.72
2134	93.85	92.22	86.78	78.59	62.65	58.68
2133	93.89	92.23	86.79	78.58	62.62	58.62
2132	93.93	92.23	86.8	78.57	62.57	58.57
2131	93.97	92.21	86.81	78.56	62.54	58.53
2130	93.99	92.2	86.81	78.57	62.5	58.51
2129	94.01	92.19	86.82	78.57	62.47	58.5
2128	94.04	92.19	86.83	78.58	62.45	58.47
2127	94.06	92.19	86.84	78.59	62.43	58.44
2126	94.09	92.17	86.86	78.61	62.42	58.4
2125	94.11	92.15	86.86	78.63	62.42	58.37
2124	94.14	92.12	86.85	78.63	62.42	58.35
2123	94.16	92.1	86.85	78.62	62.41	58.34
2122	94.18	92.11	86.86	78.59	62.39	58.33
2121	94.18	92.13	86.87	78.55	62.37	58.34
2120	94.19	92.16	86.89	78.52	62.34	58.34
2119	94.2	92.19	86.89	78.51	62.32	58.34
2118	94.22	92.22	86.89	78.53	62.3	58.35
2117	94.25	92.24	86.88	78.54	62.28	58.35
2116	94.26	92.25	86.88	78.54	62.27	58.36
2115	94.28	92.24	86.88	78.54	62.27	58.36
2114	94.28	92.22	86.88	78.55	62.28	58.35
2113	94.3	92.21	86.88	78.57	62.3	58.34
2112	94.3	92.22	86.9	78.58	62.31	58.34
2111	94.3	92.24	86.92	78.59	62.32	58.33
2110	94.29	92.26	86.93	78.57	62.32	58.33
2109	94.29	92.25	86.93	78.54	62.32	58.33
2108	94.29	92.24	86.92	78.51	62.31	58.32

2107	94.3	92.23	86.92	78.49	62.29	58.31
2106	94.3	92.24	86.94	78.49	62.29	58.31
2105	94.3	92.26	86.95	78.49	62.3	58.32
2104	94.29	92.27	86.96	78.5	62.3	58.33
2103	94.29	92.26	86.95	78.5	62.29	58.35
2102	94.29	92.25	86.93	78.51	62.28	58.37
2101	94.29	92.25	86.89	78.51	62.27	58.38
2100	94.3	92.26	86.87	78.51	62.27	58.38
2099	94.3	92.26	86.87	78.51	62.27	58.37
2098	94.29	92.26	86.89	78.51	62.27	58.36
2097	94.25	92.25	86.93	78.5	62.27	58.36
2096	94.21	92.25	86.97	78.49	62.28	58.36
2095	94.18	92.27	87.01	78.47	62.29	58.36
2094	94.18	92.29	87.03	78.46	62.3	58.34
2093	94.21	92.31	87.05	78.46	62.3	58.31
2092	94.24	92.31	87.05	78.47	62.27	58.29
2091	94.27	92.31	87.05	78.49	62.23	58.28
2090	94.28	92.32	87.04	78.5	62.2	58.28
2089	94.28	92.32	87.03	78.5	62.18	58.28
2088	94.27	92.31	87.03	78.48	62.17	58.28
2087	94.27	92.31	87.04	78.45	62.16	58.28
2086	94.29	92.31	87.05	78.43	62.16	58.28
2085	94.3	92.32	87.05	78.42	62.15	58.3
2084	94.32	92.33	87.03	78.44	62.15	58.31
2083	94.32	92.33	87.01	78.46	62.15	58.33
2082	94.3	92.31	87	78.47	62.16	58.34
2081	94.28	92.28	87	78.47	62.16	58.35
2080	94.26	92.26	87.02	78.45	62.16	58.35
2079	94.25	92.26	87.04	78.44	62.16	58.36
2078	94.25	92.29	87.05	78.43	62.17	58.38
2077	94.26	92.31	87.06	78.43	62.19	58.4
2076	94.28	92.32	87.06	78.44	62.19	58.42
2075	94.31	92.32	87.06	78.44	62.2	58.43
2074	94.34	92.32	87.06	78.44	62.2	58.43
2073	94.36	92.33	87.05	78.42	62.2	58.42
2072	94.35	92.34	87.04	78.41	62.18	58.42
2071	94.33	92.36	87.03	78.41	62.16	58.43
2070	94.31	92.38	87.04	78.42	62.16	58.45
2069	94.3	92.39	87.04	78.41	62.18	58.47
2068	94.3	92.38	87.04	78.4	62.21	58.48
2067	94.29	92.36	87.04	78.4	62.22	58.48
2066	94.28	92.34	87.03	78.4	62.2	58.47
2065	94.27	92.33	87.02	78.39	62.18	58.46
2064	94.26	92.32	87.03	78.39	62.17	58.47
2063	94.26	92.32	87.07	78.38	62.18	58.49

2062	94.27	92.32	87.12	78.38	62.19	58.51
2061	94.27	92.34	87.14	78.37	62.2	58.52
2060	94.27	92.37	87.14	78.37	62.21	58.53
2059	94.27	92.4	87.13	78.37	62.22	58.53
2058	94.27	92.41	87.12	78.39	62.22	58.54
2057	94.28	92.39	87.11	78.41	62.23	58.55
2056	94.31	92.36	87.11	78.42	62.22	58.56
2055	94.34	92.33	87.11	78.42	62.22	58.57
2054	94.37	92.33	87.1	78.4	62.21	58.59
2053	94.39	92.33	87.08	78.37	62.19	58.61
2052	94.41	92.32	87.04	78.33	62.17	58.68
2051	94.41	92.3	87.03	78.31	62.17	58.76
2050	94.38	92.28	87.04	78.32	62.21	58.84
2049	94.32	92.29	87.06	78.35	62.29	58.9
2048	94.27	92.3	87.06	78.38	62.37	58.92
2047	94.22	92.33	87.05	78.39	62.42	58.93
2046	94.18	92.36	87.04	78.37	62.42	58.94
2045	94.16	92.37	87.06	78.35	62.4	58.94
2044	94.18	92.35	87.09	78.34	62.39	58.96
2043	94.23	92.31	87.12	78.33	62.38	58.99
2042	94.26	92.27	87.13	78.31	62.39	59.04
2041	94.28	92.25	87.12	78.29	62.39	59.08
2040	94.27	92.25	87.12	78.28	62.4	59.11
2039	94.27	92.28	87.13	78.31	62.4	59.14
2038	94.27	92.33	87.13	78.35	62.41	59.16
2037	94.25	92.38	87.12	78.4	62.42	59.19
2036	94.22	92.4	87.1	78.44	62.45	59.21
2035	94.19	92.4	87.09	78.48	62.48	59.22
2034	94.16	92.4	87.11	78.52	62.52	59.22
2033	94.15	92.44	87.14	78.56	62.55	59.23
2032	94.16	92.49	87.17	78.58	62.56	59.24
2031	94.17	92.51	87.21	78.6	62.55	59.26
2030	94.16	92.49	87.23	78.59	62.54	59.28
2029	94.11	92.45	87.22	78.56	62.54	59.29
2028	94.05	92.44	87.18	78.52	62.56	59.28
2027	94.03	92.45	87.14	78.49	62.59	59.27
2026	94.03	92.47	87.12	78.47	62.62	59.24
2025	94.06	92.49	87.13	78.44	62.64	59.22
2024	94.11	92.5	87.14	78.39	62.64	59.19
2023	94.16	92.5	87.17	78.35	62.62	59.17
2022	94.19	92.49	87.21	78.33	62.58	59.16
2021	94.19	92.47	87.23	78.34	62.54	59.18
2020	94.19	92.47	87.24	78.36	62.51	59.22
2019	94.19	92.48	87.26	78.38	62.51	59.25
2018	94.17	92.49	87.3	78.39	62.53	59.23

2017	94.16	92.49	87.33	78.39	62.55	59.19
2016	94.18	92.51	87.34	78.4	62.56	59.15
2015	94.24	92.55	87.33	78.41	62.56	59.14
2014	94.3	92.58	87.33	78.4	62.56	59.14
2013	94.33	92.59	87.35	78.38	62.54	59.15
2012	94.32	92.59	87.4	78.34	62.5	59.14
2011	94.29	92.58	87.45	78.29	62.46	59.12
2010	94.27	92.57	87.46	78.26	62.43	59.1
2009	94.24	92.55	87.44	78.23	62.43	59.07
2008	94.19	92.51	87.42	78.23	62.45	59.04
2007	94.15	92.5	87.44	78.25	62.47	59.01
2006	94.13	92.53	87.47	78.28	62.49	58.97
2005	94.14	92.6	87.49	78.3	62.49	58.92
2004	94.18	92.66	87.47	78.3	62.46	58.87
2003	94.24	92.69	87.45	78.29	62.44	58.84
2002	94.3	92.7	87.44	78.26	62.42	58.82
2001	94.34	92.7	87.43	78.25	62.39	58.8
2000	94.37	92.7	87.4	78.24	62.36	58.79
1999	94.39	92.7	87.39	78.26	62.33	58.78
1998	94.4	92.71	87.43	78.27	62.3	58.78
1997	94.4	92.72	87.48	78.25	62.25	58.77
1996	94.4	92.74	87.51	78.23	62.19	58.77
1995	94.4	92.75	87.51	78.21	62.15	58.78
1994	94.39	92.75	87.48	78.19	62.13	58.79
1993	94.36	92.72	87.46	78.19	62.14	58.8
1992	94.33	92.68	87.46	78.19	62.16	58.8
1991	94.29	92.66	87.46	78.2	62.18	58.79
1990	94.27	92.67	87.46	78.22	62.19	58.78
1989	94.28	92.69	87.47	78.24	62.19	58.78
1988	94.32	92.71	87.47	78.26	62.18	58.79
1987	94.38	92.72	87.48	78.28	62.15	58.8
1986	94.43	92.73	87.5	78.28	62.15	58.81
1985	94.46	92.73	87.52	78.27	62.15	58.82
1984	94.48	92.72	87.54	78.23	62.17	58.83
1983	94.52	92.68	87.55	78.2	62.18	58.85
1982	94.56	92.61	87.54	78.17	62.19	58.89
1981	94.57	92.56	87.53	78.17	62.2	58.95
1980	94.53	92.54	87.54	78.17	62.21	59.01
1979	94.45	92.58	87.58	78.18	62.24	59.06
1978	94.35	92.64	87.64	78.18	62.3	59.08
1977	94.27	92.72	87.67	78.17	62.33	59.09
1976	94.23	92.8	87.68	78.18	62.32	59.08
1975	94.22	92.87	87.69	78.19	62.29	59.06
1974	94.24	92.91	87.7	78.2	62.28	59.03
1973	94.26	92.9	87.71	78.19	62.28	59

1972	94.27	92.86	87.7	78.15	62.26	58.96
1971	94.27	92.84	87.7	78.12	62.23	58.93
1970	94.27	92.85	87.7	78.12	62.19	58.89
1969	94.28	92.87	87.69	78.14	62.18	58.87
1968	94.29	92.87	87.68	78.15	62.18	58.84
1967	94.31	92.87	87.7	78.14	62.2	58.83
1966	94.33	92.88	87.73	78.12	62.21	58.8
1965	94.36	92.89	87.77	78.14	62.22	58.79
1964	94.38	92.9	87.78	78.18	62.2	58.77
1963	94.37	92.91	87.8	78.22	62.15	58.74
1962	94.34	92.94	87.82	78.23	62.1	58.7
1961	94.29	92.97	87.82	78.2	62.07	58.65
1960	94.26	93	87.83	78.16	62.06	58.59
1959	94.27	93.02	87.85	78.13	62.07	58.54
1958	94.29	93.03	87.91	78.11	62.04	58.51
1957	94.32	93.03	87.97	78.11	62	58.49
1956	94.33	93	88.02	78.11	61.96	58.48
1955	94.33	92.96	88.04	78.1	61.94	58.47
1954	94.32	92.91	88.04	78.09	61.93	58.44
1953	94.32	92.88	88.03	78.07	61.92	58.41
1952	94.32	92.86	88.02	78.05	61.9	58.37
1951	94.34	92.87	88	78.05	61.87	58.35
1950	94.38	92.9	88.01	78.05	61.84	58.32
1949	94.42	92.95	88.03	78.05	61.82	58.3
1948	94.47	93	88.06	78.06	61.8	58.27
1947	94.51	93.04	88.09	78.07	61.79	58.25
1946	94.53	93.07	88.1	78.08	61.78	58.24
1945	94.54	93.08	88.12	78.09	61.76	58.22
1944	94.55	93.08	88.14	78.09	61.75	58.21
1943	94.56	93.08	88.17	78.08	61.75	58.18
1942	94.56	93.08	88.2	78.07	61.76	58.14
1941	94.55	93.08	88.21	78.06	61.76	58.1
1940	94.55	93.08	88.21	78.06	61.76	58.07
1939	94.54	93.08	88.22	78.06	61.76	58.06
1938	94.53	93.1	88.24	78.07	61.77	58.06
1937	94.52	93.11	88.26	78.07	61.76	58.06
1936	94.51	93.13	88.28	78.05	61.75	58.05
1935	94.51	93.14	88.3	78.02	61.72	58.03
1934	94.52	93.15	88.33	78.01	61.7	58
1933	94.54	93.17	88.35	78	61.68	57.98
1932	94.56	93.19	88.36	78.01	61.67	57.97
1931	94.58	93.21	88.38	78.02	61.66	57.96
1930	94.58	93.23	88.4	78.04	61.66	57.95
1929	94.57	93.23	88.43	78.04	61.64	57.93
1928	94.59	93.23	88.44	78.01	61.62	57.92

1927	94.62	93.23	88.44	77.99	61.6	57.91
1926	94.66	93.23	88.45	77.97	61.58	57.9
1925	94.67	93.22	88.47	77.96	61.56	57.88
1924	94.67	93.21	88.48	77.95	61.54	57.86
1923	94.67	93.21	88.49	77.95	61.52	57.85
1922	94.67	93.22	88.5	77.94	61.53	57.85
1921	94.68	93.24	88.53	77.94	61.55	57.86
1920	94.7	93.26	88.55	77.95	61.55	57.88
1919	94.72	93.26	88.58	77.96	61.53	57.89
1918	94.72	93.25	88.61	77.97	61.51	57.89
1917	94.71	93.24	88.62	77.97	61.48	57.88
1916	94.7	93.24	88.62	77.96	61.47	57.88
1915	94.69	93.25	88.62	77.96	61.47	57.87
1914	94.69	93.26	88.63	77.97	61.48	57.85
1913	94.69	93.28	88.64	77.97	61.49	57.83
1912	94.68	93.3	88.67	77.97	61.48	57.8
1911	94.68	93.32	88.71	77.96	61.47	57.77
1910	94.69	93.33	88.75	77.95	61.46	57.76
1909	94.69	93.34	88.79	77.95	61.45	57.75
1908	94.7	93.35	88.8	77.95	61.44	57.76
1907	94.71	93.36	88.81	77.95	61.44	57.76
1906	94.73	93.36	88.81	77.94	61.45	57.76
1905	94.75	93.37	88.81	77.92	61.46	57.75
1904	94.76	93.37	88.82	77.91	61.47	57.74
1903	94.77	93.38	88.84	77.9	61.46	57.73
1902	94.77	93.38	88.87	77.9	61.45	57.73
1901	94.78	93.38	88.9	77.9	61.45	57.73
1900	94.78	93.37	88.92	77.9	61.43	57.73
1899	94.79	93.36	88.95	77.9	61.41	57.73
1898	94.8	93.36	88.98	77.92	61.4	57.73
1897	94.8	93.36	88.99	77.94	61.39	57.72
1896	94.8	93.37	89	77.95	61.38	57.71
1895	94.79	93.38	88.99	77.94	61.35	57.69
1894	94.79	93.4	89	77.93	61.34	57.68
1893	94.78	93.42	89.01	77.92	61.35	57.67
1892	94.78	93.43	89.02	77.91	61.37	57.66
1891	94.8	93.44	89.04	77.91	61.37	57.67
1890	94.82	93.44	89.05	77.91	61.37	57.67
1889	94.85	93.44	89.05	77.91	61.35	57.68
1888	94.85	93.45	89.06	77.91	61.34	57.67
1887	94.85	93.46	89.09	77.9	61.33	57.67
1886	94.83	93.47	89.13	77.89	61.33	57.66
1885	94.83	93.47	89.16	77.89	61.33	57.66
1884	94.84	93.48	89.17	77.89	61.33	57.64
1883	94.86	93.49	89.18	77.89	61.32	57.63

1882	94.88	93.51	89.18	77.9	61.32	57.61
1881	94.89	93.52	89.19	77.91	61.31	57.6
1880	94.9	93.51	89.18	77.92	61.3	57.6
1879	94.9	93.5	89.18	77.93	61.29	57.59
1878	94.89	93.5	89.18	77.93	61.28	57.59
1877	94.89	93.51	89.2	77.92	61.27	57.58
1876	94.88	93.52	89.23	77.9	61.26	57.57
1875	94.89	93.54	89.26	77.89	61.24	57.57
1874	94.9	93.54	89.28	77.89	61.23	57.57
1873	94.9	93.54	89.3	77.9	61.24	57.57
1872	94.9	93.53	89.32	77.91	61.25	57.57
1871	94.89	93.53	89.34	77.92	61.26	57.57
1870	94.88	93.54	89.35	77.92	61.25	57.58
1869	94.89	93.55	89.33	77.92	61.24	57.58
1868	94.91	93.56	89.3	77.91	61.23	57.57
1867	94.93	93.57	89.28	77.9	61.21	57.57
1866	94.96	93.58	89.3	77.89	61.21	57.56
1865	94.97	93.59	89.31	77.88	61.21	57.56
1864	94.97	93.59	89.32	77.87	61.21	57.56
1863	94.97	93.58	89.33	77.86	61.19	57.55
1862	94.96	93.57	89.34	77.85	61.17	57.53
1861	94.96	93.57	89.35	77.85	61.17	57.53
1860	94.97	93.57	89.35	77.84	61.17	57.52
1859	94.99	93.57	89.36	77.84	61.18	57.52
1858	95.01	93.59	89.37	77.84	61.2	57.52
1857	95.02	93.6	89.37	77.85	61.21	57.52
1856	95.02	93.61	89.37	77.86	61.21	57.52
1855	95.02	93.62	89.38	77.87	61.2	57.52
1854	95.02	93.63	89.38	77.87	61.19	57.53
1853	95.04	93.64	89.37	77.86	61.2	57.53
1852	95.05	93.64	89.36	77.84	61.19	57.53
1851	95.07	93.64	89.35	77.84	61.19	57.52
1850	95.07	93.64	89.34	77.84	61.17	57.5
1849	95.06	93.65	89.32	77.85	61.15	57.47
1848	95.05	93.66	89.3	77.87	61.14	57.47
1847	95.05	93.67	89.3	77.88	61.14	57.47
1846	95.05	93.68	89.29	77.89	61.14	57.48
1845	95.07	93.68	89.27	77.89	61.14	57.49
1844	95.08	93.67	89.23	77.88	61.12	57.49
1843	95.08	93.68	89.19	77.88	61.09	57.48
1842	95.08	93.7	89.17	77.88	61.09	57.46
1841	95.07	93.73	89.17	77.87	61.12	57.45
1840	95.08	93.75	89.15	77.86	61.13	57.44
1839	95.09	93.75	89.13	77.85	61.14	57.44
1838	95.1	93.76	89.09	77.84	61.14	57.44

1837	95.1	93.76	89.05	77.84	61.14	57.45
1836	95.11	93.77	89.01	77.84	61.12	57.44
1835	95.12	93.77	88.98	77.84	61.12	57.44
1834	95.14	93.77	88.96	77.85	61.12	57.44
1833	95.15	93.77	88.95	77.86	61.14	57.44
1832	95.16	93.77	88.92	77.87	61.14	57.44
1831	95.16	93.77	88.87	77.86	61.12	57.43
1830	95.15	93.77	88.81	77.85	61.1	57.43
1829	95.14	93.77	88.74	77.85	61.09	57.42
1828	95.14	93.78	88.72	77.86	61.1	57.41
1827	95.13	93.8	88.72	77.87	61.12	57.41
1826	95.14	93.83	88.72	77.87	61.12	57.41
1825	95.16	93.85	88.7	77.87	61.1	57.42
1824	95.17	93.85	88.66	77.86	61.08	57.43
1823	95.18	93.85	88.64	77.86	61.08	57.43
1822	95.18	93.85	88.63	77.86	61.08	57.42
1821	95.19	93.86	88.62	77.85	61.08	57.42
1820	95.2	93.88	88.6	77.85	61.09	57.42
1819	95.21	93.89	88.58	77.85	61.09	57.43
1818	95.21	93.91	88.57	77.85	61.1	57.43
1817	95.21	93.92	88.56	77.85	61.12	57.42
1816	95.2	93.92	88.55	77.85	61.12	57.42
1815	95.2	93.93	88.53	77.85	61.11	57.41
1814	95.21	93.93	88.52	77.85	61.1	57.4
1813	95.22	93.93	88.5	77.85	61.11	57.4
1812	95.24	93.93	88.48	77.84	61.11	57.39
1811	95.25	93.94	88.46	77.83	61.1	57.4
1810	95.27	93.96	88.44	77.82	61.08	57.4
1809	95.28	93.97	88.43	77.83	61.07	57.39
1808	95.29	93.98	88.43	77.83	61.07	57.39
1807	95.32	93.98	88.44	77.84	61.06	57.39
1806	95.34	93.99	88.45	77.84	61.06	57.39
1805	95.35	94	88.45	77.84	61.06	57.38
1804	95.36	94.01	88.45	77.84	61.07	57.38
1803	95.37	94.02	88.44	77.84	61.06	57.38
1802	95.38	94.02	88.44	77.85	61.06	57.38
1801	95.39	94.03	88.42	77.84	61.07	57.37
1800	95.39	94.04	88.4	77.83	61.07	57.37
1799	95.39	94.04	88.37	77.81	61.07	57.37
1798	95.39	94.05	88.36	77.79	61.07	57.36
1797	95.39	94.05	88.36	77.78	61.07	57.35
1796	95.39	94.05	88.36	77.78	61.07	57.35
1795	95.39	94.06	88.36	77.78	61.07	57.36
1794	95.39	94.08	88.35	77.77	61.07	57.36
1793	95.38	94.09	88.31	77.77	61.08	57.36

1792	95.38	94.1	88.24	77.77	61.08	57.36
1791	95.39	94.1	88.18	77.77	61.08	57.37
1790	95.39	94.1	88.14	77.78	61.08	57.37
1789	95.39	94.1	88.12	77.78	61.09	57.37
1788	95.4	94.11	88.11	77.79	61.1	57.36
1787	95.4	94.12	88.09	77.79	61.09	57.37
1786	95.41	94.14	88.05	77.79	61.09	57.37
1785	95.42	94.15	87.99	77.79	61.09	57.38
1784	95.43	94.16	87.92	77.79	61.09	57.38
1783	95.42	94.16	87.87	77.78	61.08	57.39
1782	95.4	94.16	87.82	77.78	61.08	57.39
1781	95.38	94.16	87.76	77.78	61.07	57.39
1780	95.37	94.15	87.67	77.78	61.08	57.4
1779	95.37	94.15	87.59	77.78	61.08	57.39
1778	95.38	94.16	87.51	77.78	61.08	57.39
1777	95.39	94.16	87.44	77.78	61.09	57.39
1776	95.39	94.17	87.36	77.77	61.09	57.38
1775	95.39	94.18	87.28	77.75	61.11	57.37
1774	95.38	94.19	87.2	77.74	61.11	57.37
1773	95.38	94.19	87.08	77.73	61.11	57.37
1772	95.4	94.18	86.92	77.74	61.1	57.38
1771	95.41	94.18	86.77	77.76	61.1	57.38
1770	95.42	94.2	86.66	77.79	61.11	57.38
1769	95.41	94.22	86.55	77.81	61.13	57.37
1768	95.41	94.24	86.43	77.81	61.12	57.37
1767	95.41	94.23	86.3	77.8	61.11	57.36
1766	95.42	94.22	86.17	77.79	61.09	57.36
1765	95.41	94.21	86.06	77.78	61.09	57.36
1764	95.4	94.22	85.94	77.78	61.1	57.37
1763	95.38	94.23	85.79	77.78	61.1	57.36
1762	95.36	94.24	85.62	77.77	61.1	57.35
1761	95.33	94.24	85.44	77.77	61.09	57.35
1760	95.3	94.23	85.28	77.78	61.09	57.35
1759	95.28	94.24	85.14	77.79	61.1	57.35
1758	95.26	94.25	85	77.8	61.11	57.36
1757	95.24	94.25	84.83	77.8	61.11	57.37
1756	95.23	94.25	84.66	77.8	61.12	57.38
1755	95.22	94.24	84.5	77.81	61.13	57.38
1754	95.2	94.23	84.36	77.82	61.13	57.38
1753	95.18	94.22	84.22	77.83	61.12	57.38
1752	95.17	94.21	84.05	77.82	61.11	57.38
1751	95.17	94.2	83.86	77.81	61.12	57.38
1750	95.18	94.19	83.66	77.8	61.12	57.39
1749	95.19	94.18	83.47	77.79	61.11	57.39
1748	95.2	94.18	83.29	77.78	61.11	57.38

1747	95.2	94.18	83.13	77.78	61.12	57.38
1746	95.21	94.19	82.99	77.78	61.12	57.37
1745	95.21	94.19	82.85	77.79	61.12	57.37
1744	95.22	94.19	82.7	77.79	61.12	57.38
1743	95.22	94.17	82.57	77.78	61.13	57.38
1742	95.22	94.16	82.45	77.78	61.13	57.38
1741	95.21	94.15	82.32	77.76	61.13	57.39
1740	95.19	94.14	82.17	77.74	61.13	57.39
1739	95.2	94.12	82.02	77.73	61.12	57.39
1738	95.2	94.12	81.9	77.73	61.13	57.39
1737	95.2	94.11	81.81	77.74	61.14	57.39
1736	95.2	94.1	81.73	77.74	61.14	57.4
1735	95.2	94.08	81.63	77.72	61.15	57.4
1734	95.2	94.04	81.49	77.7	61.16	57.39
1733	95.19	93.99	81.34	77.69	61.15	57.39
1732	95.18	93.98	81.22	77.69	61.13	57.39
1731	95.16	93.99	81.12	77.7	61.14	57.39
1730	95.16	94	81.03	77.7	61.14	57.39
1729	95.17	93.99	80.93	77.68	61.13	57.39
1728	95.18	93.97	80.85	77.65	61.13	57.38
1727	95.19	93.94	80.79	77.63	61.12	57.38
1726	95.19	93.92	80.74	77.61	61.12	57.38
1725	95.18	93.9	80.69	77.59	61.11	57.38
1724	95.18	93.88	80.63	77.57	61.1	57.38
1723	95.17	93.85	80.57	77.56	61.08	57.4
1722	95.17	93.84	80.53	77.55	61.08	57.41
1721	95.16	93.83	80.5	77.54	61.09	57.41
1720	95.15	93.81	80.49	77.52	61.09	57.41
1719	95.15	93.78	80.49	77.49	61.09	57.41
1718	95.16	93.73	80.49	77.46	61.11	57.4
1717	95.18	93.67	80.49	77.45	61.13	57.4
1716	95.19	93.62	80.47	77.43	61.12	57.4
1715	95.19	93.61	80.47	77.41	61.09	57.39
1714	95.2	93.61	80.47	77.4	61.08	57.39
1713	95.2	93.59	80.48	77.39	61.09	57.38
1712	95.2	93.57	80.5	77.37	61.09	57.38
1711	95.22	93.53	80.52	77.36	61.08	57.39
1710	95.24	93.5	80.54	77.34	61.07	57.39
1709	95.26	93.46	80.57	77.33	61.06	57.39
1708	95.28	93.43	80.59	77.31	61.05	57.38
1707	95.3	93.41	80.62	77.29	61.02	57.37
1706	95.31	93.37	80.65	77.25	61.01	57.36
1705	95.31	93.33	80.69	77.22	61.02	57.37
1704	95.31	93.3	80.72	77.19	61.03	57.37
1703	95.31	93.29	80.77	77.16	61.04	57.38

1702	95.3	93.28	80.85	77.1	61.04	57.38
1701	95.3	93.24	80.95	76.98	61.04	57.38
1700	95.32	93.15	81.02	76.83	61.04	57.37
1699	95.34	93.06	81.08	76.72	61.01	57.37
1698	95.34	93.01	81.16	76.65	61.03	57.36
1697	95.34	92.97	81.25	76.57	61.06	57.36
1696	95.37	92.91	81.34	76.46	61.05	57.35
1695	95.42	92.84	81.4	76.36	61	57.36
1694	95.44	92.79	81.43	76.3	60.97	57.36
1693	95.43	92.75	81.47	76.26	60.98	57.36
1692	95.44	92.71	81.52	76.22	60.99	57.35
1691	95.45	92.66	81.58	76.17	60.98	57.35
1690	95.46	92.6	81.64	76.11	60.97	57.35
1689	95.47	92.54	81.7	76.05	60.97	57.35
1688	95.48	92.48	81.77	76	60.98	57.35
1687	95.49	92.42	81.85	75.95	60.99	57.34
1686	95.51	92.35	81.94	75.9	60.97	57.35
1685	95.5	92.28	82.03	75.8	60.96	57.35
1684	95.48	92.2	82.08	75.69	60.96	57.36
1683	95.48	92.13	82.1	75.62	60.94	57.37
1682	95.48	92.11	82.13	75.57	60.96	57.37
1681	95.49	92.07	82.18	75.51	60.96	57.36
1680	95.52	92.02	82.22	75.44	60.95	57.35
1679	95.54	91.97	82.28	75.38	60.94	57.35
1678	95.55	91.92	82.33	75.32	60.94	57.34
1677	95.55	91.87	82.38	75.25	60.93	57.33
1676	95.55	91.81	82.41	75.15	60.92	57.33
1675	95.55	91.73	82.43	75.05	60.93	57.32
1674	95.55	91.65	82.43	74.97	60.92	57.33
1673	95.55	91.57	82.45	74.9	60.91	57.33
1672	95.54	91.5	82.47	74.82	60.89	57.33
1671	95.54	91.43	82.5	74.72	60.89	57.34
1670	95.54	91.36	82.53	74.61	60.9	57.33
1669	95.54	91.29	82.55	74.52	60.91	57.33
1668	95.54	91.23	82.55	74.44	60.91	57.33
1667	95.54	91.18	82.56	74.38	60.91	57.32
1666	95.53	91.13	82.57	74.33	60.91	57.32
1665	95.52	91.08	82.56	74.26	60.89	57.32
1664	95.51	91.01	82.54	74.15	60.87	57.32
1663	95.51	90.94	82.51	74.04	60.87	57.32
1662	95.5	90.86	82.46	73.93	60.88	57.31
1661	95.5	90.79	82.43	73.83	60.88	57.31
1660	95.49	90.72	82.4	73.75	60.88	57.3
1659	95.48	90.66	82.37	73.67	60.88	57.3
1658	95.47	90.61	82.33	73.61	60.87	57.3

1657	95.47	90.56	82.29	73.54	60.85	57.3
1656	95.46	90.5	82.26	73.48	60.83	57.3
1655	95.45	90.44	82.24	73.39	60.82	57.3
1654	95.42	90.4	82.19	73.26	60.86	57.28
1653	95.38	90.32	82.07	73.11	60.88	57.25
1652	95.37	90.21	81.92	73.02	60.79	57.26
1651	95.35	90.15	81.81	73	60.76	57.28
1650	95.31	90.15	81.72	73	60.79	57.28
1649	95.28	90.14	81.62	72.99	60.79	57.29
1648	95.24	90.11	81.52	72.94	60.79	57.29
1647	95.2	90.05	81.39	72.86	60.82	57.28
1646	95.16	90	81.26	72.77	60.83	57.28
1645	95.13	89.95	81.13	72.69	60.81	57.27
1644	95.1	89.91	81.01	72.61	60.8	57.28
1643	95.06	89.88	80.9	72.55	60.8	57.28
1642	95.03	89.86	80.79	72.49	60.79	57.28
1641	94.99	89.82	80.67	72.43	60.77	57.29
1640	94.95	89.78	80.53	72.38	60.76	57.29
1639	94.92	89.75	80.4	72.33	60.74	57.29
1638	94.88	89.72	80.28	72.28	60.73	57.29
1637	94.81	89.71	80.14	72.22	60.74	57.29
1636	94.73	89.69	79.95	72.13	60.76	57.28
1635	94.65	89.68	79.75	72.04	60.77	57.28
1634	94.57	89.67	79.57	71.97	60.77	57.28
1633	94.49	89.68	79.43	71.91	60.77	57.28
1632	94.4	89.68	79.3	71.85	60.78	57.28
1631	94.31	89.68	79.17	71.77	60.77	57.28
1630	94.22	89.68	79.04	71.69	60.77	57.28
1629	94.11	89.69	78.89	71.59	60.77	57.29
1628	93.99	89.69	78.72	71.49	60.77	57.29
1627	93.89	89.69	78.58	71.41	60.78	57.3
1626	93.8	89.69	78.45	71.34	60.79	57.3
1625	93.7	89.71	78.34	71.29	60.78	57.31
1624	93.59	89.73	78.21	71.25	60.76	57.31
1623	93.47	89.76	78.08	71.23	60.75	57.31
1622	93.37	89.79	77.97	71.25	60.75	57.31
1621	93.29	89.8	77.88	71.29	60.76	57.31
1620	93.22	89.81	77.82	71.34	60.78	57.31
1619	93.14	89.82	77.76	71.4	60.79	57.31
1618	93.06	89.84	77.72	71.47	60.81	57.31
1617	92.97	89.88	77.67	71.56	60.82	57.31
1616	92.88	89.9	77.59	71.66	60.79	57.31
1615	92.8	89.93	77.53	71.77	60.77	57.31
1614	92.73	89.96	77.49	71.88	60.77	57.31
1613	92.66	89.99	77.46	71.99	60.77	57.31

1612	92.59	90.01	77.44	72.09	60.77	57.32
1611	92.5	90.03	77.44	72.2	60.79	57.33
1610	92.41	90.05	77.44	72.31	60.82	57.33
1609	92.3	90.06	77.46	72.43	60.83	57.33
1608	92.2	90.07	77.46	72.55	60.84	57.33
1607	92.12	90.08	77.47	72.68	60.86	57.33
1606	92.04	90.09	77.49	72.79	60.87	57.33
1605	91.96	90.09	77.5	72.88	60.87	57.33
1604	91.88	90.08	77.52	72.97	60.85	57.34
1603	91.78	90.09	77.55	73.05	60.84	57.34
1602	91.68	90.1	77.58	73.13	60.83	57.35
1601	91.57	90.11	77.61	73.21	60.83	57.35
1600	91.44	90.12	77.63	73.28	60.82	57.35
1599	91.3	90.12	77.65	73.35	60.82	57.35
1598	91.16	90.13	77.69	73.41	60.82	57.36
1597	91.01	90.12	77.73	73.47	60.81	57.38
1596	90.86	90.1	77.77	73.53	60.8	57.39
1595	90.73	90.1	77.8	73.58	60.8	57.41
1594	90.61	90.09	77.84	73.63	60.8	57.42
1593	90.5	90.08	77.86	73.68	60.79	57.43
1592	90.38	90.08	77.88	73.73	60.78	57.44
1591	90.26	90.07	77.9	73.77	60.78	57.45
1590	90.14	90.07	77.94	73.81	60.78	57.46
1589	90.03	90.07	77.99	73.84	60.78	57.46
1588	89.92	90.06	78.04	73.88	60.76	57.46
1587	89.82	90.07	78.09	73.92	60.75	57.47
1586	89.73	90.08	78.14	73.95	60.74	57.47
1585	89.65	90.09	78.19	73.97	60.73	57.47
1584	89.56	90.09	78.24	73.99	60.71	57.47
1583	89.48	90.09	78.3	74	60.71	57.46
1582	89.41	90.1	78.37	74	60.7	57.46
1581	89.35	90.1	78.44	74	60.68	57.46
1580	89.28	90.09	78.5	74.01	60.67	57.46
1579	89.23	90.09	78.58	74.01	60.67	57.45
1578	89.17	90.09	78.68	73.99	60.67	57.45
1577	89.11	90.09	78.81	73.96	60.66	57.45
1576	89.05	90.1	78.91	73.92	60.63	57.45
1575	89.01	90.12	78.98	73.9	60.6	57.46
1574	88.98	90.15	79.03	73.9	60.6	57.46
1573	88.95	90.19	79.09	73.89	60.6	57.45
1572	88.92	90.22	79.16	73.87	60.59	57.45
1571	88.9	90.25	79.26	73.83	60.56	57.45
1570	88.88	90.29	79.38	73.78	60.55	57.45
1569	88.88	90.33	79.49	73.73	60.53	57.44
1568	88.87	90.35	79.6	73.7	60.52	57.44

1567	88.86	90.37	79.71	73.67	60.53	57.44
1566	88.85	90.4	79.83	73.64	60.52	57.44
1565	88.85	90.43	79.95	73.59	60.48	57.44
1564	88.84	90.45	80.07	73.54	60.47	57.44
1563	88.84	90.47	80.18	73.5	60.48	57.44
1562	88.84	90.48	80.31	73.47	60.49	57.45
1561	88.86	90.48	80.45	73.42	60.43	57.45
1560	88.86	90.51	80.59	73.31	60.4	57.45
1559	88.83	90.59	80.73	73.18	60.45	57.45
1558	88.84	90.66	80.84	73.1	60.44	57.45
1557	88.85	90.72	80.93	73.06	60.43	57.45
1556	88.85	90.77	81.03	73.02	60.45	57.44
1555	88.86	90.82	81.15	72.98	60.46	57.43
1554	88.88	90.85	81.28	72.91	60.45	57.42
1553	88.9	90.88	81.41	72.84	60.43	57.42
1552	88.9	90.91	81.53	72.78	60.42	57.42
1551	88.92	90.96	81.65	72.71	60.41	57.42
1550	88.94	91	81.78	72.63	60.41	57.42
1549	88.96	91.04	81.9	72.55	60.41	57.43
1548	88.97	91.07	82.01	72.48	60.41	57.43
1547	88.97	91.1	82.12	72.43	60.4	57.43
1546	88.98	91.13	82.23	72.37	60.38	57.43
1545	89	91.15	82.34	72.29	60.35	57.43
1544	89	91.17	82.46	72.21	60.35	57.43
1543	89.01	91.18	82.57	72.13	60.35	57.43
1542	89.02	91.19	82.69	72.05	60.35	57.43
1541	89.02	91.2	82.81	71.96	60.36	57.42
1540	89.02	91.25	82.95	71.88	60.34	57.42
1539	89.05	91.3	83.07	71.82	60.3	57.42
1538	89.09	91.37	83.17	71.8	60.27	57.42
1537	89.11	91.43	83.27	71.79	60.3	57.42
1536	89.13	91.47	83.37	71.77	60.31	57.42
1535	89.17	91.51	83.47	71.74	60.3	57.43
1534	89.23	91.55	83.58	71.69	60.29	57.45
1533	89.28	91.59	83.69	71.65	60.3	57.46
1532	89.32	91.63	83.78	71.62	60.31	57.46
1531	89.36	91.66	83.87	71.6	60.31	57.46
1530	89.4	91.69	83.96	71.58	60.3	57.46
1529	89.44	91.71	84.06	71.55	60.29	57.45
1528	89.47	91.74	84.16	71.53	60.28	57.45
1527	89.51	91.78	84.26	71.52	60.27	57.45
1526	89.54	91.82	84.35	71.51	60.26	57.45
1525	89.57	91.84	84.44	71.5	60.26	57.45
1524	89.58	91.86	84.52	71.5	60.25	57.46
1523	89.59	91.87	84.61	71.49	60.24	57.46

1522	89.62	91.88	84.7	71.47	60.24	57.46
1521	89.66	91.91	84.78	71.46	60.24	57.46
1520	89.67	91.93	84.82	71.46	60.24	57.46
1519	89.67	91.97	84.86	71.46	60.24	57.46
1518	89.67	92	84.9	71.45	60.22	57.46
1517	89.67	92.04	84.95	71.44	60.21	57.46
1516	89.68	92.07	84.99	71.44	60.22	57.46
1515	89.68	92.1	85.05	71.46	60.23	57.46
1514	89.66	92.12	85.1	71.5	60.24	57.46
1513	89.64	92.13	85.15	71.55	60.24	57.46
1512	89.61	92.12	85.19	71.59	60.22	57.47
1511	89.57	92.12	85.22	71.64	60.21	57.47
1510	89.54	92.12	85.26	71.69	60.2	57.47
1509	89.49	92.11	85.31	71.74	60.19	57.46
1508	89.41	92.1	85.35	71.79	60.21	57.46
1507	89.31	92.1	85.36	71.85	60.23	57.47
1506	89.2	92.11	85.36	71.9	60.21	57.47
1505	89.1	92.11	85.36	71.95	60.16	57.48
1504	88.98	92.11	85.38	72	60.15	57.48
1503	88.88	92.12	85.4	72.04	60.15	57.48
1502	88.77	92.12	85.42	72.09	60.13	57.49
1501	88.65	92.11	85.42	72.14	60.11	57.49
1500	88.52	92.11	85.42	72.19	60.1	57.49
1499	88.4	92.11	85.4	72.24	60.11	57.49
1498	88.28	92.11	85.38	72.29	60.14	57.49
1497	88.15	92.1	85.34	72.35	60.2	57.5
1496	88.04	92.07	85.29	72.4	60.26	57.5
1495	87.95	92.04	85.24	72.45	60.31	57.5
1494	87.87	92.03	85.2	72.52	60.34	57.5
1493	87.81	92.01	85.16	72.59	60.36	57.5
1492	87.76	91.98	85.11	72.66	60.37	57.5
1491	87.71	91.94	85.03	72.72	60.35	57.5
1490	87.68	91.9	84.94	72.77	60.34	57.5
1489	87.64	91.84	84.85	72.8	60.34	57.51
1488	87.6	91.77	84.76	72.84	60.32	57.52
1487	87.58	91.7	84.67	72.87	60.28	57.52
1486	87.56	91.63	84.59	72.91	60.24	57.53
1485	87.55	91.55	84.5	72.95	60.22	57.52
1484	87.53	91.47	84.41	72.98	60.21	57.52
1483	87.52	91.4	84.32	73.02	60.19	57.51
1482	87.5	91.32	84.21	73.05	60.18	57.5
1481	87.48	91.24	84.09	73.09	60.17	57.5
1480	87.45	91.15	83.96	73.12	60.16	57.5
1479	87.43	91.07	83.84	73.15	60.15	57.49
1478	87.41	90.99	83.71	73.18	60.14	57.49

1477	87.39	90.9	83.56	73.21	60.14	57.48
1476	87.36	90.79	83.4	73.23	60.14	57.49
1475	87.32	90.67	83.24	73.24	60.14	57.49
1474	87.28	90.55	83.07	73.25	60.14	57.5
1473	87.24	90.41	82.86	73.26	60.15	57.5
1472	87.19	90.28	82.63	73.25	60.15	57.5
1471	87.15	90.17	82.43	73.24	60.13	57.49
1470	87.11	90.07	82.27	73.23	60.13	57.49
1469	87.06	89.97	82.13	73.22	60.14	57.48
1468	87.01	89.86	81.98	73.2	60.14	57.48
1467	86.95	89.75	81.82	73.19	60.14	57.47
1466	86.86	89.63	81.64	73.18	60.14	57.47
1465	86.74	89.49	81.42	73.17	60.14	57.47
1464	86.61	89.36	81.19	73.16	60.14	57.48
1463	86.48	89.24	80.99	73.15	60.14	57.49
1462	86.36	89.14	80.82	73.13	60.13	57.49
1461	86.22	89.03	80.66	73.12	60.12	57.5
1460	86.07	88.93	80.5	73.1	60.11	57.5
1459	85.88	88.83	80.32	73.09	60.1	57.51
1458	85.64	88.72	80.11	73.06	60.12	57.51
1457	85.35	88.59	79.84	73.02	60.15	57.5
1456	85.08	88.47	79.58	72.99	60.15	57.5
1455	84.86	88.38	79.37	72.97	60.15	57.49
1454	84.66	88.3	79.19	72.95	60.16	57.49
1453	84.44	88.21	79.01	72.94	60.17	57.49
1452	84.22	88.13	78.82	72.92	60.18	57.5
1451	84.02	88.05	78.65	72.91	60.2	57.51
1450	83.83	87.97	78.47	72.9	60.21	57.51
1449	83.64	87.88	78.27	72.89	60.21	57.51
1448	83.47	87.79	78.07	72.88	60.21	57.5
1447	83.32	87.72	77.88	72.88	60.2	57.5
1446	83.19	87.65	77.71	72.88	60.18	57.5
1445	83.06	87.57	77.55	72.88	60.15	57.51
1444	82.94	87.51	77.38	72.87	60.14	57.51
1443	82.85	87.45	77.21	72.87	60.13	57.51
1442	82.77	87.39	77.04	72.87	60.12	57.51
1441	82.7	87.34	76.87	72.88	60.12	57.51
1440	82.63	87.31	76.72	72.89	60.13	57.5
1439	82.58	87.28	76.58	72.91	60.14	57.5
1438	82.53	87.27	76.44	72.92	60.13	57.49
1437	82.48	87.26	76.28	72.92	60.13	57.49
1436	82.43	87.24	76.1	72.92	60.12	57.49
1435	82.39	87.22	75.95	72.93	60.11	57.5
1434	82.35	87.2	75.82	72.95	60.1	57.5
1433	82.31	87.18	75.68	72.98	60.09	57.5

1432	82.29	87.18	75.54	73	60.09	57.5
1431	82.27	87.19	75.4	73.03	60.09	57.49
1430	82.26	87.21	75.28	73.05	60.09	57.49
1429	82.25	87.22	75.16	73.07	60.09	57.49
1428	82.25	87.24	75.05	73.08	60.09	57.49
1427	82.26	87.26	74.95	73.09	60.1	57.5
1426	82.28	87.29	74.86	73.09	60.09	57.51
1425	82.3	87.33	74.76	73.09	60.07	57.51
1424	82.32	87.38	74.66	73.07	60.07	57.52
1423	82.34	87.45	74.57	73.06	60.09	57.52
1422	82.36	87.51	74.5	73.05	60.09	57.52
1421	82.39	87.58	74.42	73.04	60.07	57.52
1420	82.43	87.68	74.34	73.01	60.06	57.52
1419	82.5	87.8	74.25	72.98	60.05	57.52
1418	82.57	87.91	74.17	72.94	60.04	57.52
1417	82.63	87.98	74.09	72.92	60.03	57.53
1416	82.67	88.06	74.03	72.9	60.03	57.53
1415	82.72	88.13	73.98	72.89	60.02	57.53
1414	82.76	88.21	73.94	72.87	60	57.54
1413	82.79	88.29	73.89	72.85	59.99	57.54
1412	82.82	88.39	73.85	72.82	59.99	57.53
1411	82.86	88.5	73.82	72.79	60	57.53
1410	82.9	88.61	73.79	72.76	59.99	57.53
1409	82.93	88.71	73.75	72.73	59.97	57.53
1408	82.95	88.82	73.72	72.7	59.96	57.54
1407	82.97	88.93	73.7	72.67	59.95	57.54
1406	82.99	89.05	73.69	72.64	59.95	57.54
1405	83	89.19	73.67	72.6	59.96	57.54
1404	82.99	89.32	73.66	72.55	59.97	57.54
1403	82.98	89.44	73.65	72.51	59.99	57.53
1402	82.96	89.55	73.64	72.49	60	57.53
1401	82.94	89.66	73.62	72.48	60	57.53
1400	82.91	89.78	73.6	72.47	59.99	57.54
1399	82.88	89.92	73.6	72.45	60	57.56
1398	82.85	90.04	73.6	72.42	60	57.58
1397	82.81	90.15	73.58	72.4	60	57.58
1396	82.77	90.26	73.58	72.39	60	57.58
1395	82.72	90.38	73.58	72.37	59.99	57.57
1394	82.68	90.49	73.6	72.36	59.98	57.57
1393	82.64	90.6	73.6	72.35	59.96	57.57
1392	82.59	90.69	73.6	72.34	59.94	57.58
1391	82.52	90.78	73.6	72.34	59.93	57.58
1390	82.45	90.87	73.59	72.33	59.92	57.58
1389	82.37	90.96	73.59	72.32	59.91	57.57
1388	82.27	91.06	73.59	72.3	59.9	57.57

1387	82.17	91.16	73.6	72.29	59.91	57.56
1386	82.07	91.24	73.59	72.28	59.91	57.56
1385	81.96	91.32	73.57	72.28	59.92	57.56
1384	81.83	91.39	73.55	72.28	59.92	57.56
1383	81.69	91.46	73.53	72.29	59.92	57.56
1382	81.54	91.52	73.52	72.3	59.91	57.56
1381	81.38	91.58	73.51	72.31	59.91	57.57
1380	81.22	91.64	73.51	72.32	59.9	57.57
1379	81.05	91.7	73.52	72.32	59.9	57.57
1378	80.87	91.76	73.51	72.34	59.9	57.57
1377	80.69	91.81	73.5	72.35	59.9	57.56
1376	80.49	91.87	73.48	72.37	59.89	57.56
1375	80.29	91.92	73.48	72.38	59.88	57.56
1374	80.08	91.97	73.48	72.38	59.88	57.55
1373	79.89	92.02	73.47	72.38	59.88	57.55
1372	79.71	92.07	73.45	72.37	59.87	57.54
1371	79.54	92.12	73.45	72.37	59.86	57.54
1370	79.39	92.15	73.44	72.36	59.85	57.55
1369	79.24	92.18	73.43	72.35	59.84	57.55
1368	79.11	92.21	73.42	72.36	59.84	57.55
1367	78.98	92.24	73.42	72.38	59.84	57.54
1366	78.87	92.27	73.42	72.41	59.84	57.54
1365	78.75	92.31	73.41	72.44	59.84	57.54
1364	78.65	92.35	73.4	72.46	59.83	57.54
1363	78.55	92.4	73.4	72.48	59.83	57.54
1362	78.46	92.44	73.4	72.49	59.84	57.55
1361	78.36	92.47	73.4	72.49	59.85	57.56
1360	78.27	92.51	73.4	72.49	59.85	57.57
1359	78.17	92.53	73.41	72.49	59.84	57.57
1358	78.07	92.55	73.42	72.49	59.84	57.58
1357	77.96	92.56	73.43	72.5	59.82	57.58
1356	77.84	92.58	73.44	72.5	59.81	57.58
1355	77.71	92.6	73.46	72.5	59.81	57.58
1354	77.57	92.62	73.48	72.51	59.8	57.58
1353	77.43	92.65	73.49	72.51	59.8	57.58
1352	77.27	92.68	73.51	72.51	59.8	57.58
1351	77.11	92.7	73.52	72.53	59.8	57.59
1350	76.93	92.71	73.54	72.54	59.79	57.59
1349	76.75	92.72	73.54	72.54	59.79	57.6
1348	76.56	92.74	73.55	72.53	59.78	57.6
1347	76.38	92.76	73.56	72.51	59.79	57.6
1346	76.2	92.77	73.58	72.49	59.79	57.59
1345	76.02	92.79	73.6	72.48	59.79	57.6
1344	75.82	92.81	73.62	72.48	59.78	57.6
1343	75.63	92.82	73.65	72.48	59.77	57.61

1342	75.43	92.83	73.67	72.48	59.77	57.62
1341	75.22	92.85	73.69	72.47	59.77	57.62
1340	75.01	92.87	73.71	72.45	59.79	57.62
1339	74.83	92.89	73.74	72.43	59.8	57.62
1338	74.66	92.91	73.77	72.41	59.8	57.62
1337	74.51	92.92	73.8	72.41	59.79	57.61
1336	74.37	92.93	73.82	72.41	59.78	57.6
1335	74.26	92.94	73.85	72.41	59.77	57.59
1334	74.18	92.96	73.87	72.4	59.76	57.59
1333	74.12	92.97	73.88	72.4	59.75	57.59
1332	74.1	92.98	73.89	72.4	59.74	57.6
1331	74.11	93	73.92	72.4	59.74	57.6
1330	74.15	93.01	73.96	72.4	59.74	57.6
1329	74.21	93.03	73.98	72.41	59.74	57.6
1328	74.29	93.03	74.01	72.4	59.74	57.6
1327	74.39	93.03	74.04	72.4	59.73	57.61
1326	74.49	93.04	74.07	72.39	59.72	57.62
1325	74.59	93.05	74.1	72.38	59.72	57.62
1324	74.7	93.06	74.12	72.38	59.71	57.63
1323	74.82	93.06	74.14	72.38	59.71	57.63
1322	74.95	93.07	74.16	72.38	59.7	57.63
1321	75.08	93.08	74.18	72.38	59.69	57.63
1320	75.2	93.09	74.2	72.37	59.67	57.62
1319	75.31	93.1	74.22	72.35	59.68	57.62
1318	75.42	93.12	74.24	72.34	59.68	57.63
1317	75.51	93.14	74.25	72.33	59.69	57.63
1316	75.59	93.16	74.28	72.32	59.69	57.64
1315	75.67	93.16	74.31	72.3	59.68	57.65
1314	75.75	93.16	74.33	72.29	59.68	57.64
1313	75.83	93.16	74.35	72.27	59.68	57.64
1312	75.91	93.17	74.36	72.26	59.68	57.63
1311	75.97	93.17	74.38	72.26	59.67	57.63
1310	76.04	93.18	74.4	72.26	59.67	57.62
1309	76.09	93.19	74.4	72.25	59.66	57.63
1308	76.14	93.19	74.42	72.24	59.66	57.64
1307	76.2	93.2	74.43	72.23	59.66	57.65
1306	76.25	93.2	74.45	72.22	59.65	57.67
1305	76.31	93.21	74.45	72.22	59.65	57.68
1304	76.37	93.21	74.44	72.22	59.64	57.68
1303	76.44	93.21	74.45	72.23	59.65	57.68
1302	76.51	93.21	74.46	72.23	59.65	57.68
1301	76.58	93.21	74.47	72.22	59.64	57.69
1300	76.63	93.22	74.48	72.21	59.64	57.7
1299	76.67	93.24	74.48	72.2	59.63	57.71
1298	76.7	93.25	74.49	72.19	59.63	57.72

1297	76.7	93.26	74.5	72.19	59.63	57.72
1296	76.7	93.26	74.5	72.19	59.63	57.72
1295	76.71	93.25	74.51	72.19	59.63	57.72
1294	76.74	93.24	74.5	72.18	59.62	57.73
1293	76.8	93.23	74.48	72.17	59.61	57.73
1292	76.9	93.23	74.46	72.16	59.6	57.75
1291	77.03	93.23	74.44	72.15	59.61	57.76
1290	77.2	93.23	74.44	72.14	59.61	57.77
1289	77.38	93.24	74.43	72.13	59.61	57.78
1288	77.56	93.24	74.43	72.11	59.61	57.78
1287	77.74	93.24	74.43	72.1	59.61	57.78
1286	77.9	93.24	74.42	72.08	59.61	57.79
1285	78.05	93.24	74.4	72.07	59.6	57.79
1284	78.18	93.25	74.39	72.06	59.58	57.8
1283	78.29	93.25	74.38	72.05	59.57	57.8
1282	78.39	93.24	74.36	72.03	59.57	57.81
1281	78.48	93.23	74.35	72.02	59.58	57.82
1280	78.55	93.22	74.34	72.01	59.58	57.82
1279	78.6	93.21	74.33	72	59.59	57.81
1278	78.64	93.2	74.33	71.99	59.58	57.81
1277	78.68	93.2	74.33	71.98	59.56	57.8
1276	78.71	93.2	74.33	71.97	59.55	57.8
1275	78.75	93.21	74.32	71.96	59.55	57.8
1274	78.79	93.2	74.31	71.96	59.55	57.79
1273	78.82	93.2	74.29	71.95	59.56	57.79
1272	78.83	93.2	74.27	71.94	59.56	57.79
1271	78.83	93.2	74.26	71.94	59.57	57.79
1270	78.83	93.18	74.25	71.93	59.57	57.8
1269	78.83	93.17	74.24	71.92	59.57	57.8
1268	78.82	93.16	74.23	71.91	59.57	57.81
1267	78.81	93.15	74.23	71.89	59.57	57.81
1266	78.8	93.14	74.23	71.88	59.57	57.81
1265	78.78	93.15	74.23	71.86	59.56	57.81
1264	78.76	93.16	74.23	71.85	59.56	57.82
1263	78.74	93.16	74.22	71.83	59.56	57.82
1262	78.72	93.16	74.22	71.79	59.56	57.82
1261	78.69	93.14	74.21	71.76	59.55	57.82
1260	78.65	93.12	74.19	71.72	59.54	57.82
1259	78.62	93.1	74.18	71.7	59.54	57.81
1258	78.58	93.08	74.16	71.67	59.54	57.8
1257	78.55	93.08	74.15	71.63	59.54	57.79
1256	78.5	93.08	74.13	71.6	59.53	57.78
1255	78.46	93.09	74.12	71.56	59.53	57.78
1254	78.42	93.09	74.1	71.52	59.53	57.77
1253	78.38	93.08	74.08	71.48	59.52	57.77

1252	78.34	93.07	74.07	71.43	59.52	57.77
1251	78.28	93.06	74.07	71.39	59.52	57.77
1250	78.22	93.05	74.07	71.35	59.51	57.77
1249	78.16	93.05	74.06	71.31	59.5	57.76
1248	78.11	93.05	74.04	71.27	59.49	57.75
1247	78.07	93.05	74.03	71.22	59.49	57.74
1246	78.03	93.05	74.02	71.18	59.49	57.74
1245	78	93.04	74	71.15	59.49	57.73
1244	77.97	93.04	73.99	71.11	59.48	57.73
1243	77.95	93.02	73.98	71.09	59.47	57.73
1242	77.93	93.01	73.98	71.06	59.46	57.73
1241	77.91	93	73.97	71.03	59.46	57.73
1240	77.88	92.98	73.95	70.99	59.45	57.73
1239	77.85	92.97	73.94	70.94	59.44	57.73
1238	77.83	92.97	73.92	70.9	59.44	57.73
1237	77.81	92.98	73.9	70.87	59.45	57.73
1236	77.79	92.98	73.88	70.83	59.45	57.72
1235	77.76	92.97	73.86	70.79	59.46	57.73
1234	77.74	92.96	73.83	70.76	59.46	57.73
1233	77.72	92.96	73.81	70.73	59.44	57.74
1232	77.7	92.95	73.79	70.71	59.43	57.75
1231	77.68	92.96	73.76	70.7	59.43	57.76
1230	77.66	92.96	73.74	70.69	59.42	57.76
1229	77.63	92.97	73.72	70.67	59.41	57.77
1228	77.6	92.98	73.7	70.66	59.41	57.78
1227	77.58	92.97	73.69	70.65	59.4	57.79
1226	77.56	92.96	73.68	70.64	59.4	57.79
1225	77.54	92.94	73.68	70.64	59.4	57.8
1224	77.52	92.93	73.69	70.63	59.41	57.81
1223	77.49	92.92	73.7	70.63	59.42	57.82
1222	77.47	92.92	73.7	70.63	59.42	57.83
1221	77.44	92.94	73.7	70.62	59.43	57.84
1220	77.42	92.95	73.71	70.62	59.43	57.85
1219	77.4	92.96	73.72	70.62	59.44	57.85
1218	77.38	92.98	73.74	70.63	59.44	57.85
1217	77.35	93	73.76	70.63	59.43	57.86
1216	77.33	93.03	73.78	70.64	59.42	57.86
1215	77.32	93.04	73.79	70.65	59.41	57.87
1214	77.32	93.05	73.81	70.66	59.41	57.87
1213	77.33	93.05	73.82	70.66	59.41	57.88
1212	77.33	93.06	73.83	70.66	59.41	57.88
1211	77.33	93.06	73.84	70.67	59.41	57.88
1210	77.32	93.06	73.86	70.68	59.4	57.89
1209	77.31	93.07	73.87	70.69	59.4	57.89
1208	77.3	93.07	73.87	70.71	59.4	57.9

1207	77.3	93.08	73.87	70.73	59.4	57.9
1206	77.3	93.08	73.88	70.76	59.4	57.9
1205	77.29	93.09	73.87	70.78	59.4	57.89
1204	77.28	93.09	73.87	70.81	59.4	57.88
1203	77.27	93.09	73.88	70.83	59.41	57.88
1202	77.27	93.1	73.88	70.86	59.42	57.88
1201	77.28	93.12	73.89	70.87	59.42	57.89
1200	77.29	93.15	73.89	70.89	59.42	57.91
1199	77.3	93.17	73.9	70.89	59.41	57.92
1198	77.32	93.18	73.9	70.9	59.4	57.93
1197	77.32	93.19	73.88	70.91	59.4	57.94
1196	77.32	93.2	73.86	70.92	59.4	57.94
1195	77.32	93.21	73.84	70.93	59.4	57.95
1194	77.32	93.22	73.82	70.95	59.4	57.97
1193	77.33	93.22	73.81	70.96	59.4	57.98
1192	77.33	93.23	73.79	70.97	59.41	57.99
1191	77.34	93.24	73.78	70.98	59.41	58
1190	77.34	93.26	73.76	70.99	59.41	58.01
1189	77.34	93.27	73.73	71	59.41	58.03
1188	77.35	93.29	73.7	71	59.4	58.04
1187	77.36	93.3	73.68	71.01	59.4	58.05
1186	77.38	93.31	73.66	71.02	59.4	58.05
1185	77.38	93.32	73.64	71.03	59.41	58.06
1184	77.38	93.33	73.63	71.04	59.41	58.05
1183	77.38	93.34	73.61	71.05	59.4	58.05
1182	77.39	93.35	73.6	71.05	59.41	58.05
1181	77.41	93.35	73.59	71.03	59.42	58.06
1180	77.42	93.36	73.58	71.02	59.43	58.06
1179	77.43	93.36	73.58	71.01	59.44	58.07
1178	77.45	93.37	73.58	71	59.44	58.09
1177	77.46	93.38	73.58	70.99	59.42	58.09
1176	77.47	93.38	73.57	70.97	59.41	58.09
1175	77.48	93.39	73.56	70.94	59.4	58.08
1174	77.5	93.38	73.55	70.92	59.4	58.06
1173	77.52	93.39	73.53	70.9	59.41	58.06
1172	77.54	93.4	73.52	70.88	59.42	58.05
1171	77.57	93.42	73.51	70.88	59.42	58.04
1170	77.59	93.43	73.49	70.88	59.42	58.03
1169	77.6	93.45	73.46	70.87	59.41	58.02
1168	77.6	93.47	73.44	70.86	59.4	58.01
1167	77.59	93.48	73.43	70.85	59.39	58
1166	77.59	93.48	73.41	70.84	59.39	58
1165	77.6	93.49	73.39	70.84	59.38	58.01
1164	77.61	93.49	73.35	70.84	59.38	58.02
1163	77.64	93.49	73.31	70.84	59.38	58.02

1162	77.66	93.5	73.28	70.83	59.38	58.02
1161	77.68	93.51	73.24	70.82	59.37	58.01
1160	77.69	93.53	73.21	70.81	59.37	58
1159	77.7	93.54	73.17	70.8	59.37	57.99
1158	77.7	93.55	73.14	70.79	59.37	57.98
1157	77.71	93.54	73.1	70.78	59.37	57.99
1156	77.73	93.53	73.05	70.77	59.36	58
1155	77.75	93.53	73	70.77	59.35	58.01
1154	77.77	93.54	72.94	70.77	59.34	58.03
1153	77.8	93.55	72.87	70.78	59.34	58.05
1152	77.82	93.56	72.8	70.79	59.34	58.07
1151	77.84	93.55	72.74	70.79	59.35	58.09
1150	77.85	93.52	72.7	70.8	59.34	58.1
1149	77.86	93.5	72.65	70.81	59.34	58.11
1148	77.87	93.48	72.62	70.82	59.33	58.12
1147	77.89	93.47	72.57	70.83	59.33	58.13
1146	77.91	93.48	72.52	70.83	59.32	58.15
1145	77.92	93.5	72.46	70.82	59.32	58.16
1144	77.91	93.52	72.4	70.82	59.32	58.17
1143	77.9	93.53	72.34	70.82	59.33	58.19
1142	77.89	93.53	72.29	70.83	59.33	58.19
1141	77.88	93.53	72.23	70.82	59.33	58.2
1140	77.88	93.51	72.18	70.82	59.34	58.2
1139	77.9	93.5	72.13	70.8	59.34	58.21
1138	77.93	93.49	72.08	70.78	59.34	58.21
1137	77.96	93.49	72.02	70.75	59.33	58.22
1136	77.98	93.5	71.96	70.73	59.32	58.22
1135	78	93.5	71.89	70.7	59.32	58.23
1134	78.01	93.49	71.82	70.68	59.31	58.24
1133	78.01	93.47	71.75	70.66	59.29	58.24
1132	78.01	93.43	71.69	70.64	59.27	58.25
1131	78.02	93.4	71.64	70.63	59.26	58.25
1130	78.03	93.38	71.58	70.63	59.26	58.25
1129	78.03	93.37	71.5	70.61	59.27	58.26
1128	78.04	93.36	71.42	70.59	59.27	58.26
1127	78.05	93.35	71.35	70.55	59.27	58.27
1126	78.06	93.35	71.28	70.52	59.27	58.26
1125	78.07	93.34	71.21	70.49	59.26	58.25
1124	78.07	93.33	71.12	70.46	59.26	58.24
1123	78.07	93.33	71.03	70.44	59.25	58.23
1122	78.06	93.33	70.94	70.44	59.25	58.22
1121	78.05	93.33	70.86	70.44	59.25	58.21
1120	78.05	93.33	70.78	70.43	59.25	58.21
1119	78.06	93.31	70.7	70.42	59.26	58.22
1118	78.07	93.31	70.63	70.4	59.26	58.22

1117	78.08	93.3	70.54	70.38	59.25	58.23
1116	78.08	93.31	70.45	70.36	59.24	58.22
1115	78.08	93.31	70.35	70.34	59.23	58.21
1114	78.07	93.3	70.26	70.32	59.23	58.2
1113	78.07	93.29	70.15	70.29	59.23	58.2
1112	78.07	93.28	70.04	70.27	59.24	58.2
1111	78.09	93.26	69.93	70.24	59.23	58.2
1110	78.1	93.24	69.83	70.21	59.21	58.2
1109	78.1	93.24	69.72	70.18	59.19	58.19
1108	78.11	93.23	69.61	70.15	59.17	58.18
1107	78.12	93.23	69.51	70.11	59.18	58.18
1106	78.13	93.24	69.4	70.08	59.18	58.18
1105	78.13	93.24	69.28	70.05	59.19	58.19
1104	78.13	93.25	69.15	70.01	59.19	58.2
1103	78.13	93.26	69.01	69.97	59.19	58.2
1102	78.13	93.26	68.87	69.94	59.19	58.21
1101	78.13	93.27	68.73	69.91	59.19	58.21
1100	78.12	93.28	68.6	69.88	59.19	58.21
1099	78.1	93.29	68.47	69.85	59.18	58.21
1098	78.09	93.3	68.34	69.8	59.17	58.21
1097	78.09	93.3	68.19	69.75	59.17	58.21
1096	78.08	93.31	68.04	69.7	59.17	58.22
1095	78.08	93.3	67.89	69.65	59.17	58.23
1094	78.1	93.29	67.75	69.62	59.17	58.25
1093	78.12	93.29	67.62	69.59	59.17	58.26
1092	78.13	93.3	67.48	69.57	59.17	58.26
1091	78.14	93.31	67.34	69.56	59.18	58.26
1090	78.15	93.32	67.2	69.54	59.18	58.26
1089	78.14	93.32	67.06	69.5	59.17	58.26
1088	78.12	93.33	66.92	69.46	59.15	58.28
1087	78.12	93.34	66.79	69.42	59.14	58.29
1086	78.13	93.34	66.67	69.39	59.14	58.31
1085	78.14	93.34	66.53	69.35	59.14	58.32
1084	78.14	93.35	66.39	69.31	59.14	58.32
1083	78.14	93.37	66.24	69.27	59.14	58.32
1082	78.12	93.39	66.1	69.24	59.13	58.31
1081	78.11	93.42	65.95	69.21	59.13	58.31
1080	78.09	93.45	65.79	69.19	59.12	58.32
1079	78.09	93.48	65.64	69.16	59.11	58.34
1078	78.09	93.49	65.49	69.14	59.1	58.35
1077	78.09	93.49	65.36	69.12	59.1	58.36
1076	78.09	93.51	65.23	69.09	59.1	58.36
1075	78.1	93.53	65.11	69.05	59.11	58.35
1074	78.11	93.56	64.98	69.01	59.11	58.35
1073	78.11	93.59	64.83	68.97	59.1	58.34

1072	78.11	93.61	64.69	68.94	59.07	58.34
1071	78.1	93.62	64.56	68.93	59.06	58.34
1070	78.09	93.62	64.45	68.93	59.07	58.34
1069	78.09	93.62	64.34	68.92	59.07	58.34
1068	78.1	93.62	64.24	68.91	59.07	58.34
1067	78.1	93.63	64.12	68.9	59.07	58.35
1066	78.1	93.64	64	68.87	59.07	58.35
1065	78.08	93.65	63.86	68.84	59.06	58.37
1064	78.05	93.65	63.73	68.81	59.07	58.38
1063	78.02	93.64	63.6	68.78	59.07	58.38
1062	78	93.64	63.49	68.77	59.07	58.38
1061	77.99	93.66	63.37	68.76	59.07	58.37
1060	78	93.69	63.26	68.75	59.07	58.36
1059	78.02	93.73	63.15	68.74	59.08	58.36
1058	78.05	93.76	63.05	68.72	59.07	58.37
1057	78.04	93.79	62.95	68.7	59.05	58.37
1056	78.01	93.8	62.86	68.69	59.03	58.37
1055	77.95	93.81	62.77	68.67	59.02	58.36
1054	77.86	93.8	62.68	68.67	59.02	58.35
1053	77.73	93.8	62.58	68.66	59.04	58.34
1052	77.57	93.81	62.48	68.67	59.06	58.34
1051	77.42	93.83	62.4	68.68	59.09	58.35
1050	77.31	93.86	62.34	68.7	59.11	58.38
1049	77.23	93.88	62.27	68.71	59.12	58.42
1048	77.17	93.88	62.19	68.72	59.12	58.45
1047	77.1	93.86	62.1	68.72	59.12	58.47
1046	77.03	93.84	62	68.73	59.11	58.47
1045	76.94	93.81	61.9	68.73	59.09	58.46
1044	76.85	93.79	61.8	68.71	59.06	58.46
1043	76.76	93.78	61.73	68.7	59.05	58.45
1042	76.69	93.76	61.67	68.68	59.05	58.46
1041	76.64	93.74	61.62	68.67	59.04	58.46
1040	76.6	93.73	61.56	68.67	59.03	58.47
1039	76.57	93.72	61.5	68.66	59.02	58.48
1038	76.55	93.72	61.43	68.65	59.01	58.49
1037	76.5	93.72	61.37	68.64	59	58.49
1036	76.44	93.73	61.31	68.62	59	58.51
1035	76.35	93.74	61.26	68.61	58.99	58.52
1034	76.25	93.75	61.22	68.61	58.98	58.53
1033	76.15	93.77	61.18	68.61	58.97	58.53
1032	76.06	93.79	61.15	68.61	58.96	58.53
1031	76.01	93.81	61.12	68.61	58.96	58.52
1030	76	93.82	61.09	68.61	58.96	58.52
1029	76.01	93.81	61.08	68.62	58.97	58.52
1028	76.02	93.8	61.07	68.63	58.97	58.53

1027	76.04	93.8	61.08	68.65	58.97	58.54
1026	76.06	93.8	61.11	68.67	58.97	58.55
1025	76.07	93.79	61.15	68.67	58.96	58.55
1024	76.08	93.78	61.17	68.66	58.96	58.54
1023	76.08	93.78	61.19	68.65	58.96	58.54
1022	76.07	93.8	61.21	68.65	58.95	58.54
1021	76.05	93.82	61.24	68.65	58.93	58.56
1020	76.04	93.83	61.28	68.65	58.91	58.59
1019	76.04	93.82	61.33	68.66	58.9	58.61
1018	76.04	93.8	61.39	68.68	58.89	58.61
1017	76.03	93.76	61.45	68.68	58.88	58.61
1016	76.01	93.73	61.49	68.69	58.89	58.61
1015	76	93.71	61.54	68.7	58.9	58.62
1014	76	93.71	61.59	68.71	58.91	58.64
1013	76	93.7	61.63	68.72	58.92	58.64
1012	76	93.7	61.68	68.72	58.92	58.65
1011	75.98	93.69	61.74	68.72	58.91	58.65
1010	75.97	93.69	61.8	68.72	58.9	58.67
1009	75.96	93.69	61.86	68.72	58.9	58.69
1008	75.95	93.69	61.91	68.73	58.89	58.71
1007	75.96	93.69	61.96	68.74	58.89	58.73
1006	75.96	93.68	62.01	68.77	58.88	58.74
1005	75.96	93.67	62.05	68.79	58.87	58.74
1004	75.95	93.66	62.09	68.8	58.87	58.74
1003	75.95	93.63	62.12	68.8	58.88	58.75
1002	75.95	93.6	62.15	68.78	58.89	58.75
1001	75.96	93.58	62.17	68.77	58.89	58.76
1000	75.96	93.56	62.2	68.77	58.89	58.77
999	75.97	93.56	62.22	68.78	58.88	58.77
998	75.97	93.56	62.25	68.79	58.87	58.78
997	75.97	93.56	62.26	68.8	58.87	58.79
996	75.96	93.55	62.27	68.79	58.87	58.8
995	75.95	93.53	62.28	68.78	58.86	58.81
994	75.94	93.5	62.29	68.78	58.85	58.82
993	75.92	93.47	62.3	68.78	58.84	58.83
992	75.89	93.44	62.31	68.79	58.85	58.83
991	75.88	93.43	62.32	68.81	58.86	58.84
990	75.88	93.41	62.34	68.82	58.88	58.84
989	75.9	93.4	62.36	68.82	58.88	58.85
988	75.92	93.38	62.38	68.82	58.88	58.86
987	75.92	93.35	62.39	68.82	58.88	58.88
986	75.9	93.32	62.4	68.83	58.88	58.9
985	75.86	93.28	62.39	68.85	58.87	58.92
984	75.84	93.24	62.38	68.87	58.86	58.94
983	75.83	93.2	62.37	68.88	58.86	58.95

982	75.85	93.17	62.37	68.88	58.86	58.97
981	75.86	93.14	62.37	68.88	58.86	58.99
980	75.86	93.13	62.36	68.87	58.87	59.02
979	75.85	93.12	62.34	68.88	58.87	59.04
978	75.86	93.1	62.33	68.88	58.86	59.05
977	75.86	93.06	62.3	68.88	58.84	59.06
976	75.86	93.02	62.28	68.87	58.83	59.07
975	75.86	92.97	62.27	68.86	58.84	59.08
974	75.86	92.92	62.28	68.84	58.84	59.08
973	75.85	92.86	62.29	68.82	58.83	59.09
972	75.85	92.81	62.3	68.8	58.81	59.1
971	75.85	92.77	62.3	68.79	58.81	59.11
970	75.86	92.73	62.3	68.78	58.83	59.13
969	75.87	92.71	62.31	68.76	58.85	59.14
968	75.86	92.69	62.33	68.74	58.86	59.16
967	75.85	92.67	62.36	68.71	58.86	59.18
966	75.83	92.64	62.4	68.68	58.85	59.19
965	75.81	92.6	62.42	68.66	58.83	59.19
964	75.79	92.56	62.44	68.64	58.82	59.2
963	75.78	92.51	62.48	68.64	58.82	59.22
962	75.78	92.46	62.53	68.63	58.82	59.23
961	75.78	92.41	62.58	68.63	58.83	59.25
960	75.77	92.36	62.63	68.64	58.84	59.26
959	75.76	92.31	62.68	68.64	58.85	59.27
958	75.76	92.27	62.74	68.66	58.86	59.28
957	75.75	92.24	62.78	68.67	58.86	59.3
956	75.74	92.22	62.83	68.68	58.86	59.32
955	75.72	92.19	62.89	68.68	58.85	59.34
954	75.69	92.17	62.95	68.68	58.85	59.35
953	75.66	92.13	63.01	68.68	58.85	59.36
952	75.63	92.08	63.07	68.67	58.85	59.37
951	75.61	92.03	63.15	68.65	58.84	59.39
950	75.58	91.96	63.24	68.64	58.83	59.41
949	75.54	91.9	63.31	68.64	58.81	59.43
948	75.5	91.86	63.37	68.65	58.8	59.43
947	75.46	91.82	63.43	68.68	58.81	59.42
946	75.45	91.77	63.49	68.7	58.83	59.42
945	75.44	91.71	63.56	68.71	58.84	59.42
944	75.43	91.64	63.64	68.71	58.85	59.43
943	75.43	91.57	63.71	68.7	58.85	59.44
942	75.42	91.5	63.77	68.68	58.85	59.47
941	75.39	91.42	63.82	68.65	58.85	59.49
940	75.35	91.36	63.88	68.61	58.84	59.51
939	75.3	91.3	63.95	68.59	58.83	59.52
938	75.24	91.23	64.02	68.58	58.82	59.53

937	75.19	91.16	64.1	68.59	58.82	59.53
936	75.13	91.08	64.17	68.6	58.83	59.52
935	75.08	91	64.25	68.61	58.83	59.52
934	75.03	90.91	64.33	68.61	58.83	59.52
933	74.99	90.82	64.41	68.59	58.82	59.54
932	74.93	90.73	64.5	68.57	58.81	59.55
931	74.88	90.65	64.59	68.56	58.8	59.57
930	74.83	90.59	64.69	68.55	58.8	59.58
929	74.77	90.53	64.79	68.56	58.79	59.59
928	74.71	90.45	64.88	68.56	58.78	59.62
927	74.66	90.37	64.96	68.57	58.78	59.64
926	74.59	90.27	65.04	68.56	58.79	59.66
925	74.52	90.18	65.11	68.55	58.8	59.67
924	74.46	90.08	65.18	68.53	58.8	59.68
923	74.4	89.97	65.26	68.52	58.8	59.68
922	74.33	89.86	65.36	68.51	58.79	59.68
921	74.26	89.76	65.46	68.51	58.78	59.68
920	74.16	89.66	65.57	68.52	58.78	59.68
919	74.07	89.58	65.68	68.52	58.8	59.68
918	73.98	89.49	65.78	68.52	58.81	59.69
917	73.9	89.41	65.87	68.52	58.81	59.69
916	73.82	89.31	65.96	68.51	58.81	59.7
915	73.75	89.21	66.06	68.51	58.81	59.72
914	73.69	89.11	66.16	68.51	58.81	59.75
913	73.63	89.01	66.25	68.5	58.8	59.78
912	73.56	88.92	66.33	68.49	58.8	59.8
911	73.5	88.84	66.41	68.48	58.8	59.81
910	73.45	88.76	66.51	68.47	58.8	59.8
909	73.39	88.68	66.61	68.47	58.81	59.77
908	73.33	88.61	66.71	68.47	58.82	59.76
907	73.28	88.53	66.8	68.46	58.82	59.77
906	73.23	88.45	66.89	68.45	58.82	59.8
905	73.19	88.38	66.97	68.43	58.8	59.82
904	73.14	88.3	67.05	68.41	58.78	59.83
903	73.1	88.24	67.13	68.39	58.77	59.82
902	73.07	88.18	67.24	68.38	58.77	59.81
901	73.03	88.12	67.36	68.37	58.77	59.8
900	72.97	88.04	67.48	68.37	58.77	59.81
899	72.91	87.96	67.59	68.38	58.77	59.84
898	72.85	87.89	67.7	68.4	58.78	59.88
897	72.81	87.85	67.8	68.4	58.79	59.9
896	72.77	87.83	67.88	68.41	58.8	59.92
895	72.76	87.82	67.97	68.41	58.8	59.92
894	72.75	87.79	68.05	68.41	58.8	59.91
893	72.72	87.74	68.13	68.4	58.78	59.91

892	72.68	87.68	68.22	68.37	58.78	59.92
891	72.64	87.64	68.33	68.34	58.78	59.93
890	72.6	87.63	68.44	68.31	58.79	59.95
889	72.56	87.63	68.53	68.29	58.78	59.96
888	72.54	87.64	68.59	68.29	58.77	59.97
887	72.52	87.62	68.66	68.29	58.77	59.97
886	72.51	87.58	68.73	68.31	58.76	59.98
885	72.49	87.54	68.79	68.33	58.76	60
884	72.46	87.52	68.82	68.34	58.75	60.03
883	72.45	87.52	68.86	68.36	58.75	60.04
882	72.46	87.53	68.91	68.36	58.75	60.04
881	72.48	87.53	68.99	68.34	58.75	60.06
880	72.47	87.51	69.08	68.31	58.75	60.09
879	72.44	87.48	69.14	68.28	58.77	60.12
878	72.41	87.44	69.19	68.25	58.78	60.16
877	72.39	87.4	69.23	68.25	58.79	60.2
876	72.4	87.37	69.26	68.26	58.78	60.22
875	72.42	87.34	69.31	68.29	58.77	60.24
874	72.43	87.32	69.36	68.3	58.77	60.23
873	72.42	87.3	69.41	68.3	58.77	60.23
872	72.4	87.28	69.46	68.29	58.78	60.23
871	72.4	87.26	69.51	68.3	58.78	60.25
870	72.4	87.25	69.57	68.31	58.78	60.28
869	72.4	87.22	69.61	68.31	58.77	60.3
868	72.39	87.18	69.64	68.3	58.76	60.31
867	72.4	87.12	69.67	68.29	58.75	60.32
866	72.43	87.06	69.7	68.29	58.75	60.32
865	72.45	87.02	69.73	68.3	58.76	60.33
864	72.46	86.98	69.78	68.3	58.76	60.33
863	72.47	86.92	69.83	68.3	58.76	60.33
862	72.48	86.84	69.87	68.29	58.74	60.34
861	72.49	86.74	69.9	68.28	58.71	60.36
860	72.49	86.65	69.92	68.28	58.68	60.39
859	72.5	86.57	69.95	68.28	58.67	60.42
858	72.52	86.49	69.99	68.28	58.66	60.44
857	72.54	86.42	70.03	68.26	58.67	60.45
856	72.54	86.34	70.06	68.25	58.68	60.46
855	72.56	86.25	70.1	68.24	58.69	60.48
854	72.59	86.18	70.13	68.23	58.7	60.49
853	72.62	86.11	70.15	68.22	58.7	60.5
852	72.64	86.04	70.16	68.2	58.72	60.51
851	72.67	85.95	70.17	68.19	58.74	60.51
850	72.71	85.86	70.2	68.19	58.77	60.5
849	72.75	85.75	70.24	68.21	58.79	60.51
848	72.77	85.66	70.28	68.25	58.8	60.53

847	72.78	85.58	70.3	68.29	58.79	60.56
846	72.79	85.5	70.32	68.29	58.78	60.57
845	72.81	85.39	70.31	68.26	58.77	60.59
844	72.85	85.27	70.3	68.22	58.75	60.6
843	72.89	85.16	70.3	68.21	58.75	60.61
842	72.93	85.07	70.29	68.22	58.74	60.63
841	72.95	85	70.29	68.22	58.74	60.64
840	72.95	84.94	70.28	68.21	58.74	60.64
839	72.96	84.89	70.28	68.17	58.74	60.65
838	72.97	84.82	70.28	68.14	58.75	60.68
837	73	84.72	70.26	68.11	58.77	60.72
836	73.01	84.61	70.24	68.09	58.8	60.76
835	73.02	84.5	70.22	68.08	58.82	60.78
834	73.01	84.41	70.22	68.07	58.85	60.79
833	72.98	84.32	70.22	68.06	58.87	60.79
832	72.95	84.23	70.21	68.06	58.89	60.81
831	72.9	84.14	70.2	68.07	58.9	60.84
830	72.83	84.05	70.19	68.09	58.9	60.89
829	72.75	83.97	70.16	68.11	58.88	60.94
828	72.67	83.89	70.13	68.12	58.87	60.99
827	72.63	83.82	70.12	68.13	58.88	61.02
826	72.62	83.75	70.12	68.1	58.92	61.02
825	72.61	83.67	70.12	68.05	58.97	61.02
824	72.58	83.58	70.12	68.01	59.01	61.01
823	72.56	83.5	70.11	67.99	59.01	61
822	72.56	83.44	70.12	67.99	58.99	61
821	72.57	83.35	70.14	67.98	58.95	61.01
820	72.56	83.24	70.15	67.96	58.91	61.03
819	72.57	83.11	70.15	67.94	58.89	61.05
818	72.6	82.97	70.13	67.94	58.88	61.07
817	72.65	82.84	70.12	67.94	58.89	61.08
816	72.7	82.73	70.14	67.93	58.9	61.08
815	72.74	82.64	70.18	67.91	58.9	61.08
814	72.77	82.55	70.24	67.9	58.89	61.08
813	72.76	82.45	70.28	67.89	58.87	61.08
812	72.72	82.33	70.3	67.89	58.86	61.08
811	72.67	82.22	70.3	67.89	58.85	61.1
810	72.6	82.13	70.29	67.88	58.86	61.12
809	72.47	82.07	70.27	67.85	58.87	61.15
808	72.3	82.01	70.24	67.82	58.87	61.19
807	72.13	81.94	70.2	67.8	58.88	61.21
806	72.04	81.86	70.17	67.77	58.91	61.2
805	72.06	81.78	70.13	67.71	58.94	61.16
804	72.17	81.71	70.09	67.62	58.96	61.13
803	72.35	81.68	70.05	67.57	58.96	61.11

802	72.51	81.64	70.01	67.58	58.93	61.13
801	72.6	81.58	69.95	67.61	58.89	61.18
800	72.62	81.47	69.89	67.64	58.87	61.24
799	72.62	81.34	69.84	67.63	58.87	61.3
798	72.63	81.22	69.83	67.6	58.87	61.33
797	72.65	81.1	69.83	67.58	58.86	61.34
796	72.65	80.99	69.83	67.57	58.85	61.35
795	72.65	80.9	69.83	67.57	58.85	61.35
794	72.65	80.83	69.81	67.56	58.86	61.36
793	72.64	80.77	69.81	67.55	58.87	61.38
792	72.62	80.68	69.82	67.53	58.88	61.39
791	72.59	80.58	69.84	67.53	58.89	61.4
790	72.53	80.48	69.85	67.51	58.91	61.41
789	72.46	80.4	69.83	67.47	58.92	61.44
788	72.37	80.31	69.8	67.41	58.93	61.47
787	72.3	80.21	69.79	67.36	58.92	61.49
786	72.25	80.11	69.8	67.33	58.91	61.5
785	72.22	80	69.8	67.31	58.88	61.49
784	72.18	79.9	69.8	67.29	58.84	61.48
783	72.13	79.81	69.79	67.26	58.81	61.48
782	72.08	79.73	69.78	67.21	58.79	61.5
781	72	79.66	69.74	67.15	58.8	61.54
780	71.89	79.59	69.7	67.11	58.83	61.56
779	71.79	79.53	69.66	67.1	58.86	61.58
778	71.71	79.44	69.63	67.11	58.87	61.59
777	71.65	79.34	69.6	67.1	58.86	61.6
776	71.59	79.23	69.58	67.08	58.86	61.62
775	71.53	79.15	69.57	67.05	58.86	61.65
774	71.48	79.08	69.58	67.04	58.86	61.67
773	71.4	79	69.59	67.01	58.85	61.67
772	71.31	78.89	69.59	66.99	58.83	61.67
771	71.24	78.77	69.59	66.98	58.83	61.69
770	71.2	78.66	69.58	66.99	58.85	61.71
769	71.19	78.58	69.59	66.99	58.88	61.74
768	71.14	78.51	69.58	66.99	58.89	61.75
767	71.08	78.45	69.57	67	58.87	61.76
766	71.03	78.36	69.55	66.99	58.84	61.77
765	70.99	78.26	69.5	66.96	58.81	61.78
764	70.97	78.16	69.44	66.92	58.8	61.8
763	70.96	78.07	69.39	66.89	58.8	61.82
762	70.93	77.99	69.36	66.88	58.81	61.84
761	70.9	77.89	69.35	66.85	58.81	61.86
760	70.85	77.75	69.33	66.81	58.81	61.89
759	70.81	77.6	69.31	66.77	58.8	61.9
758	70.8	77.49	69.28	66.74	58.78	61.9

757	70.81	77.43	69.25	66.72	58.77	61.89
756	70.81	77.4	69.23	66.7	58.76	61.9
755	70.81	77.35	69.23	66.69	58.76	61.92
754	70.8	77.28	69.23	66.68	58.77	61.93
753	70.8	77.16	69.23	66.66	58.77	61.95
752	70.8	77.05	69.21	66.62	58.77	61.96
751	70.81	76.96	69.19	66.58	58.77	61.99
750	70.82	76.89	69.18	66.54	58.77	62.02
749	70.81	76.82	69.17	66.5	58.77	62.05
748	70.79	76.72	69.14	66.48	58.76	62.07
747	70.78	76.63	69.09	66.46	58.75	62.09
746	70.8	76.55	69.05	66.45	58.74	62.12
745	70.84	76.46	69.01	66.42	58.71	62.15
744	70.84	76.38	69	66.37	58.69	62.18
743	70.81	76.32	69.01	66.33	58.66	62.18
742	70.74	76.28	69.01	66.33	58.65	62.17
741	70.68	76.22	68.99	66.34	58.65	62.17
740	70.65	76.12	68.95	66.35	58.66	62.17
739	70.68	76.01	68.89	66.34	58.69	62.18
738	70.73	75.88	68.86	66.32	58.72	62.19
737	70.77	75.76	68.85	66.28	58.73	62.18
736	70.8	75.66	68.85	66.23	58.71	62.19
735	70.83	75.59	68.86	66.19	58.68	62.2
734	70.88	75.55	68.84	66.17	58.67	62.22
733	70.93	75.49	68.78	66.16	58.68	62.23
732	70.96	75.39	68.72	66.15	58.69	62.25
731	70.98	75.28	68.68	66.13	58.68	62.27
730	70.99	75.18	68.67	66.1	58.68	62.3
729	71.01	75.09	68.66	66.06	58.68	62.33
728	71.02	75.01	68.61	66.02	58.68	62.35
727	71.02	74.96	68.57	66	58.67	62.36
726	71	74.91	68.55	65.99	58.65	62.37
725	70.98	74.86	68.51	65.97	58.62	62.4
724	70.95	74.8	68.44	65.93	58.59	62.43
723	70.94	74.72	68.37	65.89	58.57	62.46
722	70.94	74.66	68.3	65.84	58.55	62.47
721	70.94	74.6	68.24	65.78	58.54	62.48
720	70.92	74.54	68.21	65.7	58.56	62.5
719	70.89	74.47	68.21	65.64	58.6	62.52
718	70.86	74.38	68.23	65.59	58.64	62.54
717	70.82	74.26	68.23	65.57	58.65	62.57
716	70.79	74.14	68.18	65.57	58.63	62.6
715	70.79	74.04	68.11	65.57	58.6	62.62
714	70.82	73.96	68.05	65.55	58.58	62.63
713	70.85	73.87	68.01	65.5	58.57	62.64

712	70.84	73.77	67.99	65.44	58.58	62.65
711	70.81	73.64	68	65.4	58.59	62.67
710	70.77	73.53	67.99	65.38	58.6	62.69
709	70.72	73.44	67.97	65.36	58.58	62.71
708	70.65	73.38	67.91	65.31	58.55	62.72
707	70.58	73.36	67.83	65.25	58.53	62.72
706	70.54	73.35	67.73	65.21	58.54	62.7
705	70.52	73.32	67.63	65.19	58.55	62.7
704	70.52	73.24	67.54	65.18	58.54	62.72
703	70.54	73.12	67.5	65.15	58.52	62.74
702	70.55	72.99	67.49	65.12	58.51	62.76
701	70.52	72.86	67.47	65.09	58.5	62.76
700	70.45	72.73	67.4	65.07	58.49	62.76
699	70.35	72.63	67.33	65.06	58.49	62.77
698	70.25	72.53	67.28	65.04	58.49	62.78
697	70.14	72.41	67.27	64.98	58.48	62.8
696	70.02	72.27	67.24	64.88	58.44	62.83
695	69.93	72.17	67.19	64.79	58.39	62.86
694	69.9	72.11	67.11	64.73	58.37	62.9
693	69.86	72.07	67.03	64.69	58.37	62.92
692	69.77	72.03	66.95	64.67	58.37	62.91
691	69.64	71.99	66.88	64.67	58.35	62.91
690	69.51	71.94	66.84	64.66	58.32	62.92
689	69.4	71.84	66.82	64.63	58.3	62.96
688	69.29	71.7	66.81	64.58	58.3	63.02
687	69.2	71.54	66.83	64.54	58.31	63.05
686	69.09	71.4	66.86	64.53	58.32	63.07
685	68.95	71.28	66.88	64.53	58.32	63.09
684	68.79	71.19	66.86	64.52	58.32	63.11
683	68.65	71.14	66.83	64.49	58.33	63.13
682	68.52	71.1	66.8	64.45	58.35	63.14
681	68.38	71.02	66.76	64.39	58.34	63.15
680	68.21	70.92	66.71	64.33	58.31	63.15
679	68.04	70.81	66.65	64.27	58.27	63.15
678	67.9	70.71	66.62	64.25	58.26	63.16
677	67.76	70.61	66.59	64.23	58.25	63.18
676	67.6	70.51	66.56	64.2	58.25	63.21
675	67.41	70.43	66.49	64.16	58.26	63.23
674	67.23	70.36	66.39	64.12	58.27	63.26
673	67.07	70.29	66.24	64.07	58.26	63.31
672	66.96	70.19	66.07	64.04	58.24	63.36
671	66.91	70.1	65.95	64.03	58.23	63.39
670	66.88	70.06	65.92	64.06	58.27	63.38
669	66.8	70.09	65.99	64.09	58.39	63.37
668	66.59	70.11	66.07	64.1	58.53	63.39

667	66.37	70.05	66.05	64.08	58.65	63.4
666	66.27	69.9	65.95	64.04	58.66	63.42
665	66.24	69.71	65.83	64	58.5	63.46
664	66.24	69.53	65.74	63.97	58.29	63.51
663	66.25	69.4	65.67	63.94	58.18	63.52
662	66.26	69.3	65.6	63.92	58.18	63.51
661	66.21	69.18	65.54	63.89	58.23	63.51
660	66.13	69.03	65.49	63.84	58.28	63.52
659	66.07	68.91	65.46	63.78	58.34	63.56
658	66.09	68.85	65.41	63.7	58.36	63.6
657	66.13	68.78	65.33	63.6	58.34	63.65
656	66.14	68.71	65.27	63.5	58.28	63.7
655	66.13	68.64	65.26	63.44	58.21	63.72
654	66.15	68.56	65.29	63.4	58.16	63.69
653	66.17	68.42	65.29	63.35	58.14	63.65
652	66.16	68.25	65.27	63.29	58.15	63.61
651	66.16	68.13	65.24	63.28	58.17	63.61
650	66.21	68.07	65.18	63.32	58.18	63.66

Figure 2. Toxicity effect of four different types of NHs on *T. pseudonana* (A) growth inhibition at 50 mg/L and (B) growth inhibition at 100 mg/L over 72 h.

(A) 50 mg/L

	24 h			48 h			72 h		
ZnO-GO	18.3215	19.1324	16.6541	31.01234	33.2134	35.2154	45.2365	48.1365	43.2156
ZnO-CNT	20.2132	18.1234	15.3246	30.2165	25.1235	26.1246	40.2546	45.3216	42.1665
TiO2-GO	-0.095	1.2654	4.3959	5.1235	1.2654	0.2145	10.2664	15.31566	8.1354
TiO2-CNT	-4.4397	-11.93	-9.725	-7.0125	0.1254	1.2654	1.01235	5.1664	-2.1354

(B) 100 mg/L

	24 h			48 h			72 h		
ZnO-GO	35.2365	40.2354	28.3546	60.2564	58.1236	61.254	75.2654	78.2654	73.2156
ZnO-CNT	15.3264	11.254	17.1236	30.2564	32.5641	36.254	50.2546	48.23546	44.2353
TiO2-GO	10.5465	5.2314	8.2654	20.2654	17.2365	21.2354	30.2564	36.2564	33.246
TiO2-CNT	-4.4397	0.2146	1.2354	-2.1541	0.4654	2.1345	3.245	1.2654	0.2644

Figure 3. The fluorescence intensity of *T. pseudonana* exposed to four different types of NHs for 72 h.

	24 h			48 h			72 h		
ZG 50 mg/	959.0289	964.601	980.1236	1045.171	972.9817	1114.458	956.6361	855.2673	738.0338
ZC 50 mg/	182.0461	147.5216	128.5591	156.4392	149.9519	143.5848	110.6017	77.90204	75.91143
TG 50 mg/	66.93267	68.70072	50.37129	33.3759	10.16384	7.377585	40.31012	14.59406	6.401647
TC 50 mg/	52.96937	52.23344	13.45199	49.64978	49.76381	16.892	40.27616	34.97225	7.04607
ZG 100 mg	1013.727	1092.056	947.9901	1096.05	1148.419	1166.426	1236.875	1145.029	1096.445
ZC 100 mg	239.4684	199.4661	120.736	120.8443	162.414	142.3257	190.2219	151.2543	167.148
TG 100 mg	186.6901	127.3347	109.0395	170.7913	152.7836	96.23238	142.3592	159.7564	134.5304
TC 100 mg	101.0257	85.24403	56.50979	70.17916	63.5202	47.92911	107.7837	40.2704	29.40608

	0.5 mM NAC + 100 mg/L			2 mM NAC + 100 mg/L		
ZG 100 mg	210.756	298.1616	274.041	39.49613	64.47175	70.15936
ZC 100 mg	53.05625	39.55241	39.49797	9.556943	9.193886	12.49954
TG 100 mg	50.25669	56.29938	87.1114	22.87627	18.94192	18.44546
TC 100 mg	13.07607	6.96993	10.10226	4.537986	4.012261	5.717346

Figure 4. SEM images of four different types of NHs after exposure to *T. pseudonana* for 72 h.

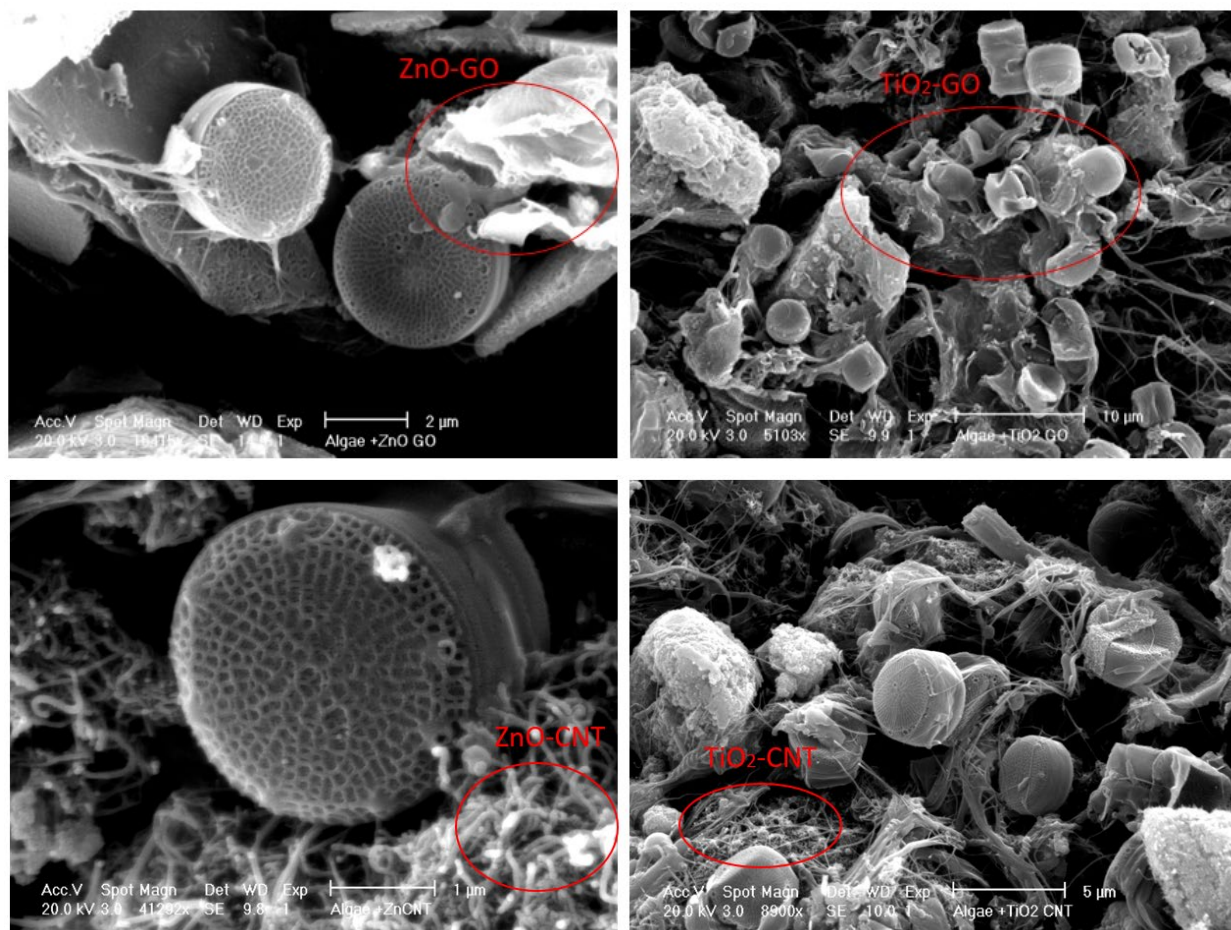


Figure 5. Growth inhibition of algae by a single type of NPs (ZnO or TiO₂) versus nanohybrids (A) and the fluorescence intensity of *T. pseudonana* exposed to nanomaterials for 72 h (B)

(A)

	72 h		
ZnO-GO	65	85	79.51
ZnO NP	39.33333	46	40.123
TiO ₂ -GO	20.66667	11.33333	38.134
TiO ₂ NP	6.333333	-5.33333	12.13

(B)

	72 h		
ZnO-GO	936.875	1045.029	1096.445
ZnO	242.3592	279.7564	234.5304
TiO ₂ -GO	107.7837	90.2704	89.40608
TiO ₂	60.45	80.65	40.12