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|---|---|
| Test Name | **BRK, PF, rep 2** |
| Cladding | **Brick** |
| Cladding Thickness [mm] | **102** |
| Insulation | **Phenolic (PF) foam** |
| Insulation Thickness [mm] | **100** |
| Cavity Width [mm] | **50** |
| Repetition Number | **2** |
| Mass Flow Rate (Propane) | **0.2** |
| Description | This experiment is on a system consisting of a Brick cladding and a Phenolic (PF) foam insulation panel, separated with a cavity of 50 mm width. It is the second repetition of this system configuration. |
| Experiment Notes | Smouldering in the Phenolic foam insulation was seen to propagate at the end of the experiment, leading to a peak HRR of 25 kW, 49 minutes after the beggining of the test, eventually leading to the complete consumption of the Phenolic insulation panel. |
| Peak HRR [kW] | **4.13** |
| Time to Peak HRR [mins] | **29.8** |
| Residual HRR [kW] | **3.9** |
| Total HR [MJ] | **1.1** |
| Peak dQ/dt [kW/s] | **0.0782** |
| Time to Peak dQ/dt [s] | **1.05** |

| Test Time [s] | Heat Release Rate **HRR [kW]** | HRR Smoothed **[kW]** | Mass Rainscreen **[kg]** | Mass Insulation **[kg]** | Mass Drip Tray **[kg]** | Mass Total **[kg]** | MLR Rainscreen **Smoothed 100pt [g/s]** | MLR Insulation **Smoothed 100pt [g/s]** | MLR Drip Tray **Smoothed 100pt [g/s]** | MLR Total **Smoothed 100pt [g/s]** |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0.178 | 0.178 | 1.0001 | 2.3164 | 0.0002 | 3.3167 | 0.002 | 0.3261 | 0.002 | 0.3301 |
| 1 | 0.156 | 0.183 | 1.0001 | 2.3154 | 0.0002 | 3.3157 | 0.002 | 0.3195 | 0.002 | 0.3234 |
| 2 | 0.215 | 0.318 | 1 | 2.3143 | 0.0001 | 3.3144 | 0.0019 | 0.3061 | 0.0019 | 0.31 |
| 3 | 0.459 | 0.478 | 1 | 2.3133 | 0.0002 | 3.3136 | 0.0035 | 0.2954 | 0.0019 | 0.3008 |
| 4 | 0.579 | 0.78 | 1.0001 | 2.3122 | 0.0002 | 3.3125 | 0.0037 | 0.2821 | 0.0019 | 0.2877 |
| 5 | 0.767 | 1.3 | 1.0001 | 2.3116 | 0.0002 | 3.3119 | 0.0036 | 0.2781 | 0.0018 | 0.2835 |
| 6 | 0.991 | 1.97 | 1.0001 | 2.3107 | 0.0002 | 3.311 | 0.0033 | 0.2675 | 0.0018 | 0.2726 |
| 7 | 1.58 | 2.67 | 1.0001 | 2.3096 | 0.0002 | 3.3099 | 0.0022 | 0.2687 | 0.0018 | 0.2727 |
| 8 | 2.09 | 3.34 | 1.0001 | 2.3091 | 0.0002 | 3.3094 | 0.0028 | 0.2671 | 0.0017 | 0.2716 |
| 9 | 3.12 | 3.99 | 1.0001 | 2.3091 | 0.0002 | 3.3094 | 0.0017 | 0.2583 | 0.0009 | 0.2609 |
| 10 | 4.22 | 4.51 | 1.0001 | 2.3088 | 0.0002 | 3.3091 | 0.0017 | 0.2554 | 0 | 0.257 |
| 11 | 5.04 | 5.05 | 1.0001 | 2.3083 | 0.0002 | 3.3086 | 0.0016 | 0.2501 | 0.0011 | 0.2529 |
| 12 | 6.17 | 5.6 | 1.0001 | 2.3078 | 0.0002 | 3.3081 | 0.0016 | 0.2542 | 0.0016 | 0.2574 |
| 13 | 7.15 | 6.11 | 1.0001 | 2.3073 | 0.0002 | 3.3076 | 0.0016 | 0.2529 | 0.0002 | 0.2546 |
| 14 | 7.42 | 6.63 | 1.0001 | 2.3072 | 0.0001 | 3.3074 | 0.0016 | 0.2489 | 0 | 0.2505 |
| 15 | 8.22 | 7.14 | 1.0001 | 2.307 | 0.0001 | 3.3072 | 0.0015 | 0.2512 | 0 | 0.2528 |
| 16 | 8.52 | 7.64 | 1.0001 | 2.3065 | 0.0002 | 3.3068 | 0.0015 | 0.2465 | 0 | 0.248 |
| 17 | 8.89 | 8.11 | 1.0001 | 2.3066 | 0.0002 | 3.3069 | 0.0015 | 0.2406 | 0 | 0.2421 |
| 18 | 10.1 | 8.56 | 1.0001 | 2.3065 | 0.0001 | 3.3068 | 0.0015 | 0.2413 | 0 | 0.2428 |
| 19 | 9.98 | 8.97 | 1.0001 | 2.3061 | 0.0002 | 3.3064 | 0.0022 | 0.2388 | 0.0007 | 0.2418 |
| 20 | 10.5 | 9.35 | 1.0001 | 2.3058 | 0.0002 | 3.3061 | 0.0029 | 0.233 | 0.0006 | 0.2364 |
| 21 | 10.8 | 9.67 | 1.0001 | 2.3056 | 0.0002 | 3.3059 | 0.0028 | 0.2306 | 0 | 0.2334 |
| 22 | 10.1 | 9.93 | 1.0001 | 2.3055 | 0.0002 | 3.3058 | 0.0028 | 0.2326 | 0.0011 | 0.2365 |
| 23 | 10.3 | 10.1 | 1.0001 | 2.3055 | 0.0001 | 3.3057 | 0.0027 | 0.2269 | 0.0014 | 0.231 |
| 24 | 10.5 | 10.3 | 1.0001 | 2.3051 | 0.0001 | 3.3054 | 0.0027 | 0.2262 | 0.0013 | 0.2302 |
| 25 | 10.5 | 10.5 | 1.0001 | 2.3054 | 0.0002 | 3.3057 | 0.0027 | 0.2325 | 0 | 0.2352 |
| 26 | 10.5 | 10.6 | 1.0001 | 2.3054 | 0.0002 | 3.3057 | 0.0026 | 0.2326 | 0.0013 | 0.2365 |
| 27 | 10.6 | 10.7 | 1 | 2.3052 | 0.0001 | 3.3053 | 0.0026 | 0.2339 | 0.0013 | 0.2378 |
| 28 | 11 | 10.8 | 1 | 2.3053 | 0.0001 | 3.3054 | 0.0026 | 0.2299 | 0.0013 | 0.2337 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 11.4 | 10.9 | 1 | 2.3052 | 0.0001 | 3.3053 | 0.0025 | 0.2288 | 0.0013 | 0.2326 |
| 30 | 11 | 10.9 | 1 | 2.3053 | 0.0002 | 3.3054 | 0.0025 | 0.2281 | 0.0012 | 0.2318 |
| 31 | 11.1 | 11 | 1 | 2.3055 | 0.0002 | 3.3057 | 0.0025 | 0.225 | 0.0012 | 0.2287 |
| 32 | 10.9 | 11 | 1 | 2.3051 | 0.0002 | 3.3053 | 0.0024 | 0.2249 | 0.0012 | 0.2286 |
| 33 | 11 | 11.1 | 1 | 2.3053 | 0.0002 | 3.3055 | 0.0024 | 0.2224 | 0.0012 | 0.2261 |
| 34 | 10.9 | 11.1 | 1 | 2.305 | 0.0002 | 3.3052 | 0.0024 | 0.224 | 0.0003 | 0.2266 |
| 35 | 11.5 | 11.1 | 1 | 2.3048 | 0.0001 | 3.3049 | 0.0024 | 0.2217 | 0 | 0.224 |
| 36 | 11.3 | 11.2 | 1 | 2.3044 | 0.0002 | 3.3046 | 0.0012 | 0.2155 | 0 | 0.2167 |
| 37 | 11.2 | 11.2 | 1 | 2.3043 | 0.0001 | 3.3044 | 0.0011 | 0.2128 | 0 | 0.2139 |
| 38 | 11.1 | 11.2 | 1 | 2.3039 | 0.0001 | 3.304 | 0.0011 | 0.2072 | 0 | 0.2083 |
| 39 | 11.3 | 11.2 | 1 | 2.3036 | 0.0001 | 3.3037 | 0.0013 | 0.1991 | 0 | 0.2003 |
| 40 | 11.9 | 11.2 | 1 | 2.3033 | 0.0001 | 3.3034 | 0.0022 | 0.1967 | 0 | 0.199 |
| 41 | 11.1 | 11.2 | 1 | 2.3027 | 0.0001 | 3.3028 | 0.0022 | 0.197 | 0 | 0.1992 |
| 42 | 11.4 | 11.2 | 1 | 2.3023 | 0.0001 | 3.3024 | 0.0022 | 0.1954 | 0 | 0.1976 |
| 43 | 11.1 | 11.2 | 1 | 2.302 | 0.0001 | 3.3021 | 0.0022 | 0.1957 | 0 | 0.1979 |
| 44 | 11.4 | 11.2 | 1 | 2.3017 | 0.0001 | 3.3018 | 0.0021 | 0.1936 | 0 | 0.1957 |
| 45 | 10.8 | 11.1 | 1 | 2.3017 | 0.0001 | 3.3018 | 0.0021 | 0.186 | 0 | 0.1881 |
| 46 | 10.8 | 11.1 | 1 | 2.3017 | 0.0001 | 3.3018 | 0.0021 | 0.1799 | 0 | 0.1819 |
| 47 | 11.6 | 11 | 1 | 2.3017 | 0.0001 | 3.3018 | 0.0021 | 0.1807 | 0 | 0.1828 |
| 48 | 11.4 | 11 | 1 | 2.3017 | 0.0001 | 3.3018 | 0.0019 | 0.1751 | 0 | 0.177 |
| 49 | 11.4 | 10.9 | 1 | 2.3016 | 0.0001 | 3.3017 | 0.001 | 0.1771 | 0 | 0.1781 |
| 50 | 11 | 10.8 | 1 | 2.3016 | 0.0001 | 3.3017 | 0.001 | 0.1787 | 0 | 0.1797 |
| 51 | 10.7 | 10.8 | 1 | 2.302 | 0.0001 | 3.3021 | 0.001 | 0.1607 | 0 | 0.1617 |
| 52 | 11 | 10.8 | 0.9999 | 2.3023 | 0.0001 | 3.3023 | 0.001 | 0.1505 | 0.0005 | 0.152 |
| 53 | 10.3 | 10.8 | 0.9999 | 2.3027 | 0.0001 | 3.3027 | 0.0006 | 0.1385 | 0.0001 | 0.1393 |
| 54 | 10.5 | 10.8 | 0.9999 | 2.3026 | 0.0001 | 3.3026 | 0.0012 | 0.1281 | 0.001 | 0.1303 |
| 55 | 10.3 | 10.8 | 0.9999 | 2.3029 | 0.0001 | 3.303 | 0.002 | 0.1157 | 0.001 | 0.1187 |
| 56 | 10.2 | 10.8 | 1 | 2.3026 | 0.0001 | 3.3027 | 0.001 | 0.1146 | 0.001 | 0.1167 |
| 57 | 9.97 | 10.9 | 0.9999 | 2.3024 | 0.0001 | 3.3025 | 0.001 | 0.0993 | 0.001 | 0.1013 |
| 58 | 10.4 | 10.9 | 1 | 2.3027 | 0.0001 | 3.3028 | 0.001 | 0.0906 | 0.001 | 0.0926 |
| 59 | 10.6 | 10.9 | 1 | 2.3026 | 0.0002 | 3.3028 | 0.001 | 0.089 | 0.001 | 0.091 |
| 60 | 10.5 | 10.9 | 1 | 2.3027 | 0.0001 | 3.3028 | 0.001 | 0.0881 | 0.001 | 0.0901 |
| 61 | 10.6 | 10.9 | 1 | 2.3022 | 0.0001 | 3.3023 | 0.001 | 0.0926 | 0.001 | 0.0946 |
| 62 | 11 | 10.9 | 1 | 2.302 | 0.0002 | 3.3022 | 0.001 | 0.0907 | 0.001 | 0.0927 |
| 63 | 11.3 | 11 | 1 | 2.302 | 0.0002 | 3.3022 | 0.001 | 0.0848 | 0.001 | 0.0868 |
| 64 | 11.3 | 11 | 1 | 2.3016 | 0.0002 | 3.3018 | 0.001 | 0.0802 | 0.0007 | 0.0819 |
| 65 | 11.8 | 11 | 1 | 2.3017 | 0.0002 | 3.3019 | 0.001 | 0.0829 | 0 | 0.0839 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 12.2 | 11 | 1 | 2.3018 | 0.0002 | 3.302 | 0.001 | 0.0815 | -0.0004 | 0.0821 |
| 67 | 11.9 | 11 | 1 | 2.3015 | 0.0002 | 3.3017 | 0.001 | 0.0774 | 0.0009 | 0.0794 |
| 68 | 10.9 | 11 | 0.9999 | 2.3015 | 0.0001 | 3.3015 | 0.001 | 0.0757 | 0 | 0.0767 |
| 69 | 10.9 | 11 | 0.9999 | 2.3016 | 0.0002 | 3.3017 | 0.002 | 0.0806 | -0.0007 | 0.0819 |
| 70 | 11.4 | 11 | 0.9999 | 2.3016 | 0.0002 | 3.3017 | 0.002 | 0.0793 | -0.0002 | 0.0811 |
| 71 | 11.3 | 11 | 0.9999 | 2.3012 | 0.0001 | 3.3012 | 0.002 | 0.0771 | 0.0003 | 0.0795 |
| 72 | 10.9 | 11 | 0.9999 | 2.3014 | 0.0001 | 3.3014 | 0.002 | 0.0707 | 0.001 | 0.0737 |
| 73 | 10.9 | 11 | 0.9999 | 2.3012 | 0.0001 | 3.3012 | 0.002 | 0.0656 | 0.001 | 0.0686 |
| 74 | 10.6 | 11 | 0.9999 | 2.3005 | 0.0002 | 3.3006 | 0.002 | 0.0686 | 0 | 0.0706 |
| 75 | 10.4 | 10.9 | 0.9999 | 2.3003 | 0.0001 | 3.3003 | 0.0026 | 0.0691 | 0.0003 | 0.0719 |
| 76 | 10.4 | 10.9 | 0.9999 | 2.2999 | 0.0001 | 3.2999 | 0.003 | 0.0779 | 0.001 | 0.0819 |
| 77 | 10.7 | 10.8 | 0.9999 | 2.3 | 0.0001 | 3.3 | 0.0018 | 0.0803 | 0.001 | 0.0831 |
| 78 | 10.4 | 10.8 | 0.9999 | 2.2999 | 0.0001 | 3.2999 | 0.001 | 0.0723 | 0.0005 | 0.0738 |
| 79 | 10.4 | 10.7 | 0.9999 | 2.2997 | 0.0001 | 3.2997 | 0.001 | 0.0769 | 0 | 0.0779 |
| 80 | 10.8 | 10.7 | 0.9999 | 2.2997 | 0.0001 | 3.2997 | 0.001 | 0.0718 | 0 | 0.0728 |
| 81 | 11.1 | 10.7 | 0.9999 | 2.2995 | 0.0001 | 3.2995 | 0.001 | 0.0746 | 0.0008 | 0.0764 |
| 82 | 11.2 | 10.7 | 0.9999 | 2.2995 | 0.0001 | 3.2995 | 0.001 | 0.0776 | 0.001 | 0.0796 |
| 83 | 11 | 10.6 | 0.9999 | 2.2991 | 0.0002 | 3.2992 | 0.001 | 0.0731 | 0.0008 | 0.0749 |
| 84 | 10.6 | 10.6 | 0.9999 | 2.2991 | 0.0002 | 3.2992 | 0.0007 | 0.0744 | 0 | 0.0751 |
| 85 | 10.6 | 10.6 | 1 | 2.2994 | 0.0002 | 3.2996 | 0 | 0.0725 | -0.0002 | 0.0723 |
| 86 | 10.7 | 10.6 | 1 | 2.2994 | 0.0002 | 3.2996 | 0 | 0.0761 | -0.0007 | 0.0754 |
| 87 | 10.5 | 10.6 | 1 | 2.2997 | 0.0002 | 3.2999 | 0 | 0.0736 | -0.0004 | 0.0732 |
| 88 | 10.3 | 10.7 | 1 | 2.3002 | 0.0002 | 3.3004 | 0 | 0.0705 | -0.0003 | 0.0702 |
| 89 | 10.5 | 10.7 | 0.9999 | 2.3002 | 0.0002 | 3.3003 | 0 | 0.0689 | 0 | 0.0689 |
| 90 | 11.1 | 10.7 | 0.9999 | 2.3 | 0.0002 | 3.3001 | 0 | 0.0673 | -0.0008 | 0.0666 |
| 91 | 10.4 | 10.7 | 0.9999 | 2.3 | 0.0002 | 3.3001 | 0 | 0.072 | -0.0002 | 0.0719 |
| 92 | 10.2 | 10.6 | 0.9999 | 2.2997 | 0.0002 | 3.2998 | 0 | 0.0655 | 0 | 0.0655 |
| 93 | 10.6 | 10.6 | 0.9999 | 2.2997 | 0.0002 | 3.2998 | 0 | 0.0639 | 0 | 0.0639 |
| 94 | 10.6 | 10.6 | 0.9999 | 2.3003 | 0.0002 | 3.3004 | 0 | 0.0596 | -0.0009 | 0.0587 |
| 95 | 10.4 | 10.6 | 0.9999 | 2.3007 | 0.0002 | 3.3008 | 0 | 0.0555 | 0 | 0.0555 |
| 96 | 10.6 | 10.7 | 0.9999 | 2.3004 | 0.0002 | 3.3005 | 0 | 0.0567 | 0 | 0.0567 |
| 97 | 10.9 | 10.7 | 0.9999 | 2.3008 | 0.0002 | 3.3009 | 0 | 0.0545 | 0 | 0.0545 |
| 98 | 10.7 | 10.7 | 1 | 2.3004 | 0.0002 | 3.3006 | 0 | 0.0506 | 0 | 0.0506 |
| 99 | 10.7 | 10.7 | 1 | 2.3001 | 0.0002 | 3.3003 | 0 | 0.0509 | 0 | 0.0509 |
| 100 | 10.9 | 10.8 | 1 | 2.3003 | 0.0002 | 3.3005 | 0 | 0.0452 | 0 | 0.0452 |
| 101 | 10.6 | 10.8 | 1 | 2.3003 | 0.0001 | 3.3005 | 0 | 0.046 | 0 | 0.046 |
| 102 | 10.6 | 10.8 | 0.9999 | 2.3005 | 0.0001 | 3.3005 | 0 | 0.0443 | 0 | 0.0443 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 103 | 10.8 | 10.9 | 0.9999 | 2.3005 | 0.0001 | 3.3005 | -0.0009 | 0.0475 | 0 | 0.0467 |
| 104 | 11.1 | 10.9 | 0.9999 | 2.3007 | 0.0001 | 3.3007 | -0.001 | 0.0491 | 0 | 0.0481 |
| 105 | 11.1 | 10.9 | 1 | 2.3001 | 0.0001 | 3.3002 | -0.001 | 0.0482 | 0 | 0.0472 |
| 106 | 11 | 10.9 | 1 | 2.3008 | 0.0001 | 3.3009 | -0.0008 | 0.0496 | 0 | 0.0488 |
| 107 | 10.9 | 10.9 | 1 | 2.3006 | 0.0001 | 3.3007 | -0.0003 | 0.0482 | 0 | 0.0479 |
| 108 | 11.1 | 10.9 | 1 | 2.3003 | 0.0001 | 3.3004 | -0.0006 | 0.0439 | 0 | 0.0433 |
| 109 | 11.3 | 10.9 | 1 | 2.3003 | 0.0001 | 3.3004 | 0 | 0.0449 | 0.0005 | 0.0454 |
| 110 | 11 | 10.9 | 1 | 2.2996 | 0.0001 | 3.2997 | 0 | 0.0449 | 0.001 | 0.0459 |
| 111 | 10.9 | 10.9 | 1 | 2.2992 | 0.0001 | 3.2993 | 0 | 0.0441 | 0.0003 | 0.0444 |
| 112 | 11 | 10.9 | 1 | 2.2993 | 0.0001 | 3.2994 | 0 | 0.0387 | 0 | 0.0387 |
| 113 | 10.9 | 10.9 | 1 | 2.2993 | 0.0001 | 3.2994 | 0 | 0.038 | 0.0009 | 0.0389 |
| 114 | 10.7 | 10.9 | 1 | 2.2989 | 0.0001 | 3.299 | 0 | 0.0369 | 0.001 | 0.0379 |
| 115 | 10.7 | 10.9 | 1 | 2.2988 | 0.0002 | 3.299 | 0 | 0.0308 | 0.001 | 0.0318 |
| 116 | 11.3 | 10.9 | 1 | 2.2988 | 0.0001 | 3.2989 | 0 | 0.0283 | 0.001 | 0.0293 |
| 117 | 11.4 | 10.9 | 1 | 2.299 | 0.0002 | 3.2992 | 0 | 0.0284 | 0.001 | 0.0294 |
| 118 | 10.7 | 10.9 | 0.9999 | 2.2985 | 0.0002 | 3.2986 | 0.0006 | 0.0222 | 0.001 | 0.0237 |
| 119 | 10.6 | 10.9 | 0.9999 | 2.2982 | 0.0002 | 3.2983 | 0.0005 | 0.0261 | 0.0005 | 0.027 |
| 120 | 10.6 | 10.9 | 0.9999 | 2.2981 | 0.0002 | 3.2982 | 0 | 0.0317 | 0.0006 | 0.0323 |
| 121 | 10.6 | 10.8 | 0.9999 | 2.2985 | 0.0001 | 3.2985 | 0 | 0.0392 | 0.001 | 0.0402 |
| 122 | 10.9 | 10.8 | 0.9999 | 2.2989 | 0.0001 | 3.2989 | 0 | 0.0359 | 0.0002 | 0.0361 |
| 123 | 10.7 | 10.8 | 0.9999 | 2.2987 | 0.0001 | 3.2987 | -0.0001 | 0.0438 | 0 | 0.0437 |
| 124 | 10.6 | 10.8 | 0.9998 | 2.2982 | 0.0001 | 3.2982 | -0.001 | 0.0433 | 0 | 0.0423 |
| 125 | 10.9 | 10.8 | 0.9998 | 2.2976 | 0.0001 | 3.2975 | -0.0008 | 0.0389 | 0.001 | 0.0391 |
| 126 | 11.7 | 10.8 | 0.9999 | 2.2974 | 0.0001 | 3.2974 | -0.0002 | 0.0388 | 0 | 0.0386 |
| 127 | 10.9 | 10.8 | 0.9999 | 2.2979 | 0.0001 | 3.2979 | -0.0007 | 0.0325 | 0 | 0.0319 |
| 128 | 11 | 10.8 | 0.9999 | 2.2976 | 0.0001 | 3.2976 | 0 | 0.0333 | 0 | 0.0333 |
| 129 | 10.3 | 10.8 | 0.9999 | 2.298 | 0.0001 | 3.298 | 0 | 0.0391 | 0 | 0.0391 |
| 130 | 10.1 | 10.8 | 0.9999 | 2.2978 | 0.0001 | 3.2978 | 0 | 0.0406 | 0 | 0.0406 |
| 131 | 10.5 | 10.8 | 0.9999 | 2.2977 | 0.0001 | 3.2977 | 0 | 0.0393 | 0 | 0.0393 |
| 132 | 10.5 | 10.8 | 0.9999 | 2.2978 | 0.0001 | 3.2978 | -0.0008 | 0.0394 | 0 | 0.0385 |
| 133 | 10.9 | 10.8 | 0.9999 | 2.2978 | 0.0002 | 3.298 | -0.001 | 0.0415 | 0 | 0.0405 |
| 134 | 11.3 | 10.8 | 1 | 2.2977 | 0.0002 | 3.2979 | -0.001 | 0.0402 | 0.0008 | 0.0399 |
| 135 | 11.3 | 10.7 | 1 | 2.2971 | 0.0002 | 3.2973 | -0.001 | 0.0419 | 0.001 | 0.0419 |
| 136 | 10.8 | 10.7 | 1 | 2.297 | 0.0002 | 3.2972 | 0 | 0.0429 | 0.001 | 0.0439 |
| 137 | 10.8 | 10.7 | 1 | 2.2972 | 0.0001 | 3.2973 | 0 | 0.0409 | 0.001 | 0.0419 |
| 138 | 10.6 | 10.7 | 1 | 2.297 | 0.0001 | 3.2971 | 0.0002 | 0.0408 | 0.001 | 0.042 |
| 139 | 10.7 | 10.7 | 1 | 2.2968 | 0.0002 | 3.297 | 0.0009 | 0.0455 | 0.001 | 0.0473 |

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| 140 | 10.6 | 10.7 | 1 | 2.296 | 0.0001 | 3.2962 | 0 | 0.0466 | 0.001 | 0.0476 |
| 141 | 11 | 10.7 | 1 | 2.2962 | 0.0001 | 3.2963 | -0.0005 | 0.0445 | 0.001 | 0.045 |
| 142 | 10.6 | 10.7 | 1 | 2.2959 | 0.0001 | 3.296 | -0.001 | 0.0423 | 0.0016 | 0.0429 |
| 143 | 10.3 | 10.7 | 1 | 2.296 | 0.0002 | 3.2962 | -0.001 | 0.0364 | 0.002 | 0.0374 |
| 144 | 10.5 | 10.6 | 1 | 2.2962 | 0.0001 | 3.2963 | -0.001 | 0.0345 | 0.0012 | 0.0347 |
| 145 | 10.8 | 10.6 | 1 | 2.296 | 0.0001 | 3.2961 | -0.001 | 0.0423 | 0.0019 | 0.0432 |
| 146 | 10.6 | 10.6 | 1 | 2.2963 | 0.0001 | 3.2964 | -0.001 | 0.0446 | 0.002 | 0.0456 |
| 147 | 10.5 | 10.6 | 1 | 2.2967 | 0.0001 | 3.2968 | -0.001 | 0.0424 | 0.001 | 0.0424 |
| 148 | 10.5 | 10.6 | 1 | 2.2966 | 0.0001 | 3.2967 | -0.0009 | 0.0501 | 0.001 | 0.0502 |
| 149 | 10.4 | 10.6 | 1 | 2.2971 | 0.0001 | 3.2972 | 0 | 0.0474 | 0.001 | 0.0484 |
| 150 | 11.2 | 10.6 | 1 | 2.297 | 0.0001 | 3.2971 | 0.0004 | 0.0459 | 0.001 | 0.0473 |
| 151 | 10.6 | 10.5 | 1 | 2.2976 | 0.0001 | 3.2977 | 0.001 | 0.0533 | 0.001 | 0.0553 |
| 152 | 10.3 | 10.5 | 1 | 2.2975 | 0.0001 | 3.2976 | 0.001 | 0.0534 | 0.0005 | 0.0549 |
| 153 | 10.2 | 10.6 | 1 | 2.2978 | 0.0001 | 3.2979 | 0.0004 | 0.0553 | 0 | 0.0556 |
| 154 | 10.1 | 10.6 | 1 | 2.2978 | 0.0001 | 3.2979 | 0 | 0.0534 | -0.0007 | 0.0526 |
| 155 | 10.7 | 10.6 | 1 | 2.298 | 0.0001 | 3.2981 | -0.0008 | 0.0568 | -0.001 | 0.0551 |
| 156 | 10.8 | 10.6 | 1 | 2.2978 | 0.0001 | 3.2979 | 0 | 0.0505 | -0.001 | 0.0494 |
| 157 | 10.7 | 10.6 | 1 | 2.298 | 0.0001 | 3.2981 | -0.001 | 0.0548 | -0.001 | 0.0528 |
| 158 | 10.5 | 10.7 | 1 | 2.2982 | 0.0001 | 3.2983 | 0 | 0.0591 | -0.001 | 0.0581 |
| 159 | 10.4 | 10.7 | 1 | 2.2981 | 0.0001 | 3.2982 | 0 | 0.0581 | -0.001 | 0.0571 |
| 160 | 10.7 | 10.6 | 1 | 2.2983 | 0.0001 | 3.2984 | 0 | 0.0577 | -0.001 | 0.0567 |
| 161 | 10.4 | 10.7 | 1 | 2.2983 | 0.0001 | 3.2984 | 0.0002 | 0.0551 | -0.0008 | 0.0545 |
| 162 | 10.7 | 10.7 | 1 | 2.2982 | 0.0001 | 3.2983 | 0.001 | 0.0587 | 0 | 0.0597 |
| 163 | 10.7 | 10.7 | 1 | 2.2983 | 0.0001 | 3.2984 | 0.001 | 0.0629 | -0.0004 | 0.0634 |
| 164 | 10.8 | 10.8 | 1 | 2.2985 | 0.0001 | 3.2986 | 0.0005 | 0.0625 | -0.001 | 0.062 |
| 165 | 11.1 | 10.8 | 1 | 2.2988 | 0.0001 | 3.2989 | 0.0007 | 0.0582 | -0.0003 | 0.0585 |
| 166 | 11.4 | 10.8 | 1 | 2.299 | 0.0001 | 3.2991 | 0.001 | 0.0585 | 0.0002 | 0.0596 |
| 167 | 10.7 | 10.8 | 0.9999 | 2.2993 | 0.0001 | 3.2993 | 0.0018 | 0.0565 | -0.0009 | 0.0574 |
| 168 | 10.6 | 10.8 | 0.9999 | 2.2988 | 0.0001 | 3.2988 | 0.002 | 0.0589 | 0 | 0.0609 |
| 169 | 10.7 | 10.9 | 0.9999 | 2.2985 | 0.0001 | 3.2985 | 0.001 | 0.0555 | 0.0001 | 0.0565 |
| 170 | 11 | 10.8 | 0.9999 | 2.2976 | 0.0001 | 3.2976 | 0.0008 | 0.0494 | 0.001 | 0.0512 |
| 171 | 10.8 | 10.9 | 0.9999 | 2.2976 | 0.0001 | 3.2976 | 0 | 0.048 | 0.0007 | 0.0487 |
| 172 | 10.8 | 10.9 | 0.9999 | 2.297 | 0.0001 | 3.297 | 0 | 0.052 | 0 | 0.052 |
| 173 | 11.2 | 10.8 | 1 | 2.2969 | 0.0001 | 3.297 | 0 | 0.0521 | 0.0005 | 0.0526 |
| 174 | 10.9 | 10.8 | 1 | 2.2966 | 0.0001 | 3.2967 | 0 | 0.0462 | 0.001 | 0.0472 |
| 175 | 10.8 | 10.8 | 0.9999 | 2.2964 | 0.0001 | 3.2964 | -0.0006 | 0.0389 | 0.0003 | 0.0386 |
| 176 | 11 | 10.7 | 1 | 2.2967 | 0.0001 | 3.2967 | -0.0017 | 0.0269 | 0 | 0.0251 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 177 | 11.2 | 10.7 | 0.9999 | 2.2967 | 0.0001 | 3.2967 | -0.0004 | 0.0238 | 0 | 0.0233 |
| 178 | 10.9 | 10.7 | 0.9999 | 2.2959 | 0.0001 | 3.2959 | 0 | 0.0319 | 0 | 0.0319 |
| 179 | 10.4 | 10.7 | 0.9999 | 2.2956 | 0.0001 | 3.2956 | 0 | 0.0338 | 0 | 0.0338 |
| 180 | 11 | 10.7 | 0.9999 | 2.2958 | 0.0001 | 3.2958 | -0.001 | 0.0461 | 0 | 0.0451 |
| 181 | 10.6 | 10.7 | 1 | 2.2955 | 0.0001 | 3.2956 | -0.001 | 0.0493 | 0 | 0.0483 |
| 182 | 10.1 | 10.7 | 1 | 2.2953 | 0.0001 | 3.2954 | -0.001 | 0.051 | 0 | 0.05 |
| 183 | 10.2 | 10.6 | 1 | 2.2951 | 0.0001 | 3.2952 | -0.001 | 0.0507 | 0.0002 | 0.0499 |
| 184 | 10 | 10.6 | 1 | 2.2949 | 0.0001 | 3.295 | -0.0007 | 0.0495 | 0.001 | 0.0498 |
| 185 | 10.7 | 10.6 | 1 | 2.2951 | 0.0001 | 3.2952 | -0.0005 | 0.0489 | 0.001 | 0.0494 |
| 186 | 10.7 | 10.6 | 1 | 2.2953 | 0.0001 | 3.2954 | -0.001 | 0.0444 | 0.001 | 0.0444 |
| 187 | 10.4 | 10.5 | 1 | 2.2956 | 0.0001 | 3.2957 | -0.001 | 0.0485 | 0.001 | 0.0485 |
| 188 | 10.5 | 10.5 | 0.9999 | 2.2957 | 0.0001 | 3.2957 | -0.0002 | 0.0478 | 0.0003 | 0.0479 |
| 189 | 10.4 | 10.5 | 0.9999 | 2.2956 | 0.0001 | 3.2956 | 0 | 0.0456 | 0 | 0.0456 |
| 190 | 10.9 | 10.5 | 0.9999 | 2.2955 | 0.0001 | 3.2956 | 0 | 0.0503 | 0.0008 | 0.0511 |
| 191 | 10.7 | 10.5 | 1 | 2.2957 | 0 | 3.2958 | 0 | 0.0446 | 0.0002 | 0.0448 |
| 192 | 10.1 | 10.5 | 1 | 2.2961 | 0 | 3.2961 | 0.0002 | 0.0473 | 0 | 0.0475 |
| 193 | 10.6 | 10.6 | 1 | 2.2963 | 0.0001 | 3.2964 | 0.0007 | 0.0454 | 0 | 0.0461 |
| 194 | 10.5 | 10.6 | 1 | 2.296 | 0 | 3.296 | 0 | 0.0453 | 0.0009 | 0.0461 |
| 195 | 10.6 | 10.6 | 1 | 2.2962 | 0 | 3.2962 | 0 | 0.0492 | 0 | 0.0492 |
| 196 | 10.5 | 10.7 | 1 | 2.2962 | 0.0001 | 3.2963 | 0 | 0.0516 | 0 | 0.0516 |
| 197 | 10.7 | 10.7 | 1 | 2.2958 | 0.0001 | 3.2959 | 0 | 0.0548 | -0.0007 | 0.0541 |
| 198 | 10.4 | 10.7 | 1 | 2.2957 | 0.0001 | 3.2958 | 0 | 0.0554 | -0.001 | 0.0544 |
| 199 | 10.7 | 10.7 | 1 | 2.2955 | 0.0001 | 3.2955 | 0 | 0.0568 | -0.001 | 0.0558 |
| 200 | 10.8 | 10.7 | 0.9999 | 2.295 | 0.0001 | 3.295 | 0 | 0.0594 | -0.001 | 0.0584 |
| 201 | 10.9 | 10.7 | 0.9999 | 2.295 | 0.0001 | 3.295 | 0 | 0.0564 | -0.001 | 0.0554 |
| 202 | 11.2 | 10.7 | 0.9999 | 2.2949 | 0.0001 | 3.2949 | 0 | 0.0644 | -0.001 | 0.0634 |
| 203 | 10.7 | 10.8 | 0.9999 | 2.2952 | 0.0002 | 3.2953 | 0 | 0.0598 | -0.001 | 0.0588 |
| 204 | 10.4 | 10.8 | 1 | 2.295 | 0.0002 | 3.2952 | 0 | 0.0611 | -0.001 | 0.0601 |
| 205 | 11.4 | 10.8 | 1 | 2.2951 | 0.0002 | 3.2953 | 0 | 0.0602 | -0.0006 | 0.0596 |
| 206 | 11.3 | 10.8 | 1.0001 | 2.2953 | 0.0002 | 3.2956 | 0.0005 | 0.0619 | 0 | 0.0624 |
| 207 | 10.8 | 10.8 | 1 | 2.2947 | 0.0002 | 3.2949 | 0.0004 | 0.066 | -0.0006 | 0.0658 |
| 208 | 10.5 | 10.8 | 1 | 2.2944 | 0.0002 | 3.2946 | 0 | 0.0705 | -0.001 | 0.0695 |
| 209 | 10.8 | 10.8 | 1 | 2.2945 | 0.0002 | 3.2947 | 0 | 0.0794 | -0.001 | 0.0784 |
| 210 | 10.7 | 10.8 | 1 | 2.294 | 0.0002 | 3.2942 | 0 | 0.086 | -0.0002 | 0.0858 |
| 211 | 10.8 | 10.8 | 0.9999 | 2.2933 | 0.0001 | 3.2933 | 0 | 0.0887 | -0.0009 | 0.0878 |
| 212 | 10.7 | 10.8 | 0.9999 | 2.293 | 0.0001 | 3.2931 | 0.001 | 0.087 | -0.001 | 0.087 |
| 213 | 10.6 | 10.8 | 1 | 2.293 | 0.0002 | 3.2932 | 0.001 | 0.0819 | -0.001 | 0.0819 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 214 | 10.8 | 10.8 | 0.9999 | 2.2931 | 0.0001 | 3.2931 | 0.001 | 0.0821 | -0.001 | 0.0821 |
| 215 | 11 | 10.7 | 0.9999 | 2.293 | 0.0002 | 3.293 | 0.001 | 0.0851 | -0.001 | 0.0851 |
| 216 | 10.6 | 10.7 | 0.9998 | 2.2932 | 0.0002 | 3.2932 | 0.001 | 0.0911 | -0.001 | 0.0911 |
| 217 | 10.8 | 10.7 | 0.9998 | 2.2931 | 0.0002 | 3.2931 | 0.0005 | 0.0932 | -0.001 | 0.0927 |
| 218 | 10.6 | 10.7 | 0.9998 | 2.2929 | 0.0002 | 3.2929 | -0.0006 | 0.1009 | -0.001 | 0.0994 |
| 219 | 10.7 | 10.7 | 0.9998 | 2.2932 | 0.0001 | 3.2931 | -0.001 | 0.0995 | -0.001 | 0.0975 |
| 220 | 10.7 | 10.7 | 0.9999 | 2.2933 | 0.0001 | 3.2933 | -0.001 | 0.0963 | -0.001 | 0.0943 |
| 221 | 10.7 | 10.7 | 0.9999 | 2.2933 | 0.0001 | 3.2933 | -0.001 | 0.0902 | -0.001 | 0.0882 |
| 222 | 10.9 | 10.7 | 0.9999 | 2.2937 | 0.0001 | 3.2937 | -0.001 | 0.092 | -0.001 | 0.09 |
| 223 | 10.5 | 10.7 | 0.9999 | 2.294 | 0 | 3.2939 | -0.0009 | 0.0864 | -0.001 | 0.0844 |
| 224 | 10.5 | 10.7 | 0.9999 | 2.2943 | 0.0001 | 3.2943 | 0 | 0.0795 | -0.001 | 0.0785 |
| 225 | 10.6 | 10.7 | 1 | 2.2949 | 0.0001 | 3.295 | 0.0001 | 0.0717 | -0.001 | 0.0708 |
| 226 | 10.2 | 10.7 | 0.9999 | 2.295 | 0.0001 | 3.295 | 0.0002 | 0.0667 | -0.001 | 0.066 |
| 227 | 11.1 | 10.7 | 0.9999 | 2.2947 | 0.0001 | 3.2947 | 0.0007 | 0.0681 | -0.001 | 0.0678 |
| 228 | 10.9 | 10.7 | 0.9999 | 2.2942 | 0.0001 | 3.2942 | 0 | 0.0679 | -0.001 | 0.0669 |
| 229 | 11.3 | 10.7 | 1 | 2.2934 | 0.0001 | 3.2935 | 0 | 0.0593 | -0.001 | 0.0583 |
| 230 | 10.5 | 10.7 | 1 | 2.2929 | 0.0001 | 3.293 | 0 | 0.0578 | -0.001 | 0.0568 |
| 231 | 10.9 | 10.7 | 1 | 2.2926 | 0.0001 | 3.2927 | -0.0009 | 0.0541 | -0.001 | 0.0521 |
| 232 | 11 | 10.7 | 1 | 2.2927 | 0.0001 | 3.2928 | -0.0002 | 0.0507 | -0.001 | 0.0495 |
| 233 | 10.5 | 10.7 | 1 | 2.2929 | 0.0001 | 3.293 | 0 | 0.0519 | -0.001 | 0.0509 |
| 234 | 10.7 | 10.7 | 1.0001 | 2.2928 | 0.0001 | 3.293 | 0 | 0.0475 | -0.001 | 0.0465 |
| 235 | 10.9 | 10.7 | 1.0001 | 2.2927 | 0.0001 | 3.2929 | 0 | 0.0461 | -0.001 | 0.0451 |
| 236 | 10.8 | 10.7 | 1.0001 | 2.2922 | 0.0001 | 3.2924 | 0.0004 | 0.0507 | -0.001 | 0.0501 |
| 237 | 11 | 10.7 | 1 | 2.2924 | 0.0001 | 3.2925 | 0.001 | 0.0491 | -0.0005 | 0.0497 |
| 238 | 10 | 10.7 | 1 | 2.2924 | 0.0001 | 3.2925 | 0.0008 | 0.0554 | 0 | 0.0562 |
| 239 | 10.6 | 10.6 | 1 | 2.2918 | 0.0001 | 3.2919 | 0 | 0.0564 | 0 | 0.0564 |
| 240 | 10.7 | 10.6 | 1 | 2.2916 | 0.0001 | 3.2917 | 0 | 0.0554 | 0 | 0.0554 |
| 241 | 10.8 | 10.6 | 1 | 2.2915 | 0.0001 | 3.2915 | 0.0005 | 0.0512 | 0 | 0.0517 |
| 242 | 10.7 | 10.6 | 0.9999 | 2.2914 | 0.0001 | 3.2914 | 0.001 | 0.0522 | -0.0006 | 0.0526 |
| 243 | 10.4 | 10.6 | 1 | 2.2915 | 0.0001 | 3.2916 | 0.001 | 0.0649 | -0.001 | 0.0649 |
| 244 | 10.8 | 10.6 | 1 | 2.2912 | 0.0001 | 3.2913 | 0.001 | 0.0681 | -0.0002 | 0.0689 |
| 245 | 10.6 | 10.6 | 1 | 2.2909 | 0.0001 | 3.291 | 0.001 | 0.0688 | -0.0009 | 0.0689 |
| 246 | 10.4 | 10.6 | 1 | 2.2908 | 0.0002 | 3.291 | 0.001 | 0.0753 | -0.001 | 0.0753 |
| 247 | 10.2 | 10.6 | 1 | 2.2911 | 0.0002 | 3.2913 | 0.001 | 0.0773 | 0 | 0.0783 |
| 248 | 10.3 | 10.7 | 1 | 2.2909 | 0.0002 | 3.2911 | 0.0005 | 0.074 | 0 | 0.0745 |
| 249 | 10.7 | 10.7 | 1 | 2.2912 | 0.0002 | 3.2914 | 0 | 0.0729 | 0 | 0.0729 |
| 250 | 10.5 | 10.7 | 1 | 2.2914 | 0.0002 | 3.2916 | -0.0004 | 0.0725 | 0 | 0.0721 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 251 | 10.7 | 10.7 | 1 | 2.2911 | 0.0002 | 3.2913 | -0.0002 | 0.068 | 0 | 0.0678 |
| 252 | 10.8 | 10.7 | 1 | 2.2915 | 0.0002 | 3.2917 | -0.0009 | 0.0699 | 0 | 0.0689 |
| 253 | 10.7 | 10.7 | 1 | 2.2917 | 0.0002 | 3.2919 | -0.001 | 0.0702 | 0 | 0.0692 |
| 254 | 10.7 | 10.7 | 1 | 2.2918 | 0.0002 | 3.292 | -0.001 | 0.0706 | 0.0007 | 0.0703 |
| 255 | 11 | 10.7 | 1 | 2.2918 | 0.0001 | 3.2919 | -0.0002 | 0.0653 | 0.001 | 0.066 |
| 256 | 11.2 | 10.8 | 1 | 2.2912 | 0.0002 | 3.2913 | 0 | 0.0632 | 0.001 | 0.0642 |
| 257 | 11.2 | 10.8 | 1 | 2.291 | 0.0002 | 3.2912 | 0.0015 | 0.068 | 0.001 | 0.0705 |
| 258 | 11.2 | 10.8 | 1 | 2.2903 | 0.0002 | 3.2905 | 0.001 | 0.0589 | 0.001 | 0.0609 |
| 259 | 10.8 | 10.8 | 1 | 2.2895 | 0.0001 | 3.2896 | 0.0003 | 0.0517 | 0.001 | 0.053 |
| 260 | 11 | 10.8 | 1 | 2.2894 | 0.0002 | 3.2896 | 0 | 0.0489 | 0.001 | 0.0499 |
| 261 | 10.8 | 10.8 | 0.9999 | 2.2896 | 0.0002 | 3.2897 | -0.0002 | 0.0408 | 0.0008 | 0.0414 |
| 262 | 10.8 | 10.8 | 0.9999 | 2.29 | 0.0002 | 3.2901 | -0.001 | 0.0343 | 0 | 0.0333 |
| 263 | 10.7 | 10.8 | 0.9999 | 2.2901 | 0.0002 | 3.2902 | -0.001 | 0.034 | 0.0004 | 0.0334 |
| 264 | 10.8 | 10.8 | 0.9999 | 2.29 | 0.0002 | 3.2901 | -0.0005 | 0.0415 | 0.001 | 0.042 |
| 265 | 10.8 | 10.7 | 0.9999 | 2.2897 | 0.0002 | 3.2898 | -0.0007 | 0.0427 | 0.0003 | 0.0424 |
| 266 | 11.1 | 10.7 | 1 | 2.2897 | 0.0002 | 3.2898 | -0.0006 | 0.0441 | 0.0007 | 0.0443 |
| 267 | 10.8 | 10.7 | 1 | 2.2892 | 0.0002 | 3.2894 | -0.0008 | 0.0465 | 0.001 | 0.0466 |
| 268 | 10.4 | 10.7 | 1 | 2.2889 | 0.0002 | 3.2891 | -0.001 | 0.0476 | 0.001 | 0.0476 |
| 269 | 10.1 | 10.7 | 1 | 2.2888 | 0.0002 | 3.289 | -0.001 | 0.0472 | 0.0009 | 0.0472 |
| 270 | 10.8 | 10.6 | 1 | 2.2886 | 0.0002 | 3.2888 | -0.0008 | 0.0526 | 0 | 0.0517 |
| 271 | 10.1 | 10.7 | 1 | 2.2884 | 0.0002 | 3.2886 | 0 | 0.0555 | 0 | 0.0555 |
| 272 | 10.7 | 10.6 | 1 | 2.2884 | 0.0002 | 3.2886 | 0 | 0.058 | 0 | 0.058 |
| 273 | 10.5 | 10.6 | 1 | 2.2889 | 0.0002 | 3.2891 | 0 | 0.0668 | -0.0005 | 0.0663 |
| 274 | 10.3 | 10.6 | 1 | 2.2894 | 0.0002 | 3.2896 | 0 | 0.076 | -0.0005 | 0.0755 |
| 275 | 10.9 | 10.6 | 0.9999 | 2.2897 | 0.0002 | 3.2898 | 0 | 0.076 | 0.0007 | 0.0766 |
| 276 | 10.6 | 10.6 | 0.9999 | 2.2899 | 0.0002 | 3.29 | 0.0007 | 0.0778 | 0.001 | 0.0796 |
| 277 | 10.6 | 10.6 | 0.9999 | 2.2899 | 0.0002 | 3.29 | 0.0002 | 0.0759 | 0.001 | 0.0771 |
| 278 | 10.8 | 10.6 | 0.9999 | 2.29 | 0.0002 | 3.2901 | 0 | 0.0699 | 0.001 | 0.0709 |
| 279 | 10.7 | 10.7 | 0.9999 | 2.2899 | 0.0002 | 3.29 | 0 | 0.0595 | 0.0001 | 0.0596 |
| 280 | 10.9 | 10.7 | 1 | 2.2904 | 0.0002 | 3.2906 | 0 | 0.053 | 0 | 0.053 |
| 281 | 10.7 | 10.7 | 1 | 2.2905 | 0.0002 | 3.2907 | 0 | 0.0521 | 0 | 0.0521 |
| 282 | 10.6 | 10.7 | 1 | 2.2901 | 0.0002 | 3.2903 | 0 | 0.0461 | 0 | 0.0461 |
| 283 | 10.7 | 10.8 | 1 | 2.2903 | 0.0002 | 3.2905 | 0 | 0.0471 | -0.0002 | 0.0468 |
| 284 | 10.4 | 10.8 | 1 | 2.2903 | 0.0002 | 3.2905 | 0 | 0.0522 | -0.001 | 0.0512 |
| 285 | 10.9 | 10.8 | 1 | 2.29 | 0.0002 | 3.2902 | 0.0005 | 0.0561 | -0.0006 | 0.056 |
| 286 | 10.7 | 10.8 | 0.9999 | 2.2904 | 0.0001 | 3.2905 | 0.001 | 0.0565 | -0.0005 | 0.057 |
| 287 | 10.7 | 10.8 | 0.9999 | 2.2901 | 0.0001 | 3.2901 | 0.001 | 0.0527 | -0.001 | 0.0527 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 288 | 10.9 | 10.8 | 0.9999 | 2.29 | 0.0001 | 3.29 | 0.0002 | 0.0548 | -0.0003 | 0.0547 |
| 289 | 11.5 | 10.8 | 0.9999 | 2.29 | 0.0001 | 3.29 | 0.0007 | 0.0533 | 0 | 0.0541 |
| 290 | 10.9 | 10.8 | 0.9999 | 2.2904 | 0.0001 | 3.2904 | 0.001 | 0.05 | -0.0008 | 0.0502 |
| 291 | 10.6 | 10.9 | 0.9999 | 2.2905 | 0.0001 | 3.2905 | 0.001 | 0.0519 | -0.001 | 0.0519 |
| 292 | 10.9 | 10.9 | 0.9999 | 2.2896 | 0.0001 | 3.2896 | 0.0008 | 0.0562 | -0.0002 | 0.0568 |
| 293 | 11.5 | 10.9 | 0.9999 | 2.2895 | 0.0001 | 3.2895 | 0.0003 | 0.0541 | 0 | 0.0544 |
| 294 | 10.9 | 10.9 | 0.9999 | 2.2892 | 0.0001 | 3.2892 | 0.001 | 0.0584 | -0.0009 | 0.0586 |
| 295 | 10.7 | 10.8 | 0.9999 | 2.2887 | 0.0001 | 3.2887 | 0.0001 | 0.0554 | -0.001 | 0.0545 |
| 296 | 10.5 | 10.8 | 0.9999 | 2.2884 | 0.0001 | 3.2884 | 0.001 | 0.0545 | 0 | 0.0555 |
| 297 | 10.9 | 10.8 | 1 | 2.2884 | 0.0001 | 3.2884 | 0.001 | 0.0477 | 0.0007 | 0.0494 |
| 298 | 11.3 | 10.8 | 1 | 2.2884 | 0.0001 | 3.2885 | 0.001 | 0.0493 | 0.001 | 0.0513 |
| 299 | 10.8 | 10.7 | 1 | 2.2882 | 0.0001 | 3.2883 | 0.001 | 0.0486 | 0.0007 | 0.0503 |
| 300 | 11.3 | 10.7 | 0.9999 | 2.2882 | 0.0001 | 3.2882 | 0.001 | 0.0511 | 0.0004 | 0.0526 |
| 301 | 11.1 | 10.7 | 1 | 2.288 | 0.0001 | 3.2881 | 0.001 | 0.0537 | 0.0005 | 0.0551 |
| 302 | 10.1 | 10.7 | 1 | 2.2879 | 0.0001 | 3.288 | 0.0004 | 0.0519 | 0.0006 | 0.0529 |
| 303 | 10.4 | 10.7 | 1 | 2.2881 | 0.0001 | 3.2882 | 0 | 0.05 | 0.001 | 0.051 |
| 304 | 10.1 | 10.6 | 1 | 2.2885 | 0.0001 | 3.2886 | 0 | 0.0482 | 0.001 | 0.0492 |
| 305 | 10 | 10.6 | 1 | 2.2888 | 0.0001 | 3.2889 | 0 | 0.0506 | 0.0006 | 0.0512 |
| 306 | 10.2 | 10.6 | 1 | 2.2885 | 0.0001 | 3.2886 | -0.0005 | 0.0491 | -0.0009 | 0.0477 |
| 307 | 10.5 | 10.6 | 0.9999 | 2.2888 | 0.0001 | 3.2888 | -0.0004 | 0.0468 | -0.0004 | 0.0461 |
| 308 | 11.1 | 10.6 | 1 | 2.2893 | 0.0001 | 3.2893 | 0.0001 | 0.0423 | 0.0001 | 0.0425 |
| 309 | 10.9 | 10.6 | 1 | 2.2896 | 0.0001 | 3.2897 | 0.001 | 0.0378 | 0.001 | 0.0398 |
| 310 | 10.5 | 10.5 | 1 | 2.29 | 0.0001 | 3.2901 | 0.001 | 0.0358 | 0.0002 | 0.037 |
| 311 | 11 | 10.5 | 1 | 2.2899 | 0.0001 | 3.29 | 0.001 | 0.0389 | 0.0009 | 0.0408 |
| 312 | 10.1 | 10.6 | 1 | 2.2896 | 0.0001 | 3.2897 | 0 | 0.0441 | 0.001 | 0.0451 |
| 313 | 10.7 | 10.6 | 1 | 2.2889 | 0.0001 | 3.289 | -0.0006 | 0.0507 | 0.0004 | 0.0505 |
| 314 | 10.8 | 10.6 | 1 | 2.2888 | 0.0001 | 3.2889 | -0.0003 | 0.0562 | 0.0007 | 0.0567 |
| 315 | 10.4 | 10.6 | 1 | 2.2885 | 0.0001 | 3.2886 | -0.0008 | 0.0603 | 0.001 | 0.0605 |
| 316 | 10.7 | 10.6 | 0.9999 | 2.2885 | 0.0001 | 3.2885 | -0.001 | 0.0475 | 0.0001 | 0.0466 |
| 317 | 10.4 | 10.6 | 0.9999 | 2.2883 | 0.0001 | 3.2883 | -0.0005 | 0.0504 | 0 | 0.0499 |
| 318 | 10.3 | 10.6 | 0.9999 | 2.2882 | 0.0001 | 3.2882 | 0 | 0.0469 | 0 | 0.0469 |
| 319 | 10.6 | 10.5 | 0.9999 | 2.288 | 0.0001 | 3.288 | 0 | 0.0407 | 0 | 0.0407 |
| 320 | 10.8 | 10.5 | 0.9999 | 2.2878 | 0.0001 | 3.2878 | 0.0002 | 0.0353 | 0 | 0.0355 |
| 321 | 10.8 | 10.5 | 0.9999 | 2.2875 | 0.0001 | 3.2875 | 0.0007 | 0.0385 | 0 | 0.0391 |
| 322 | 10.9 | 10.6 | 0.9999 | 2.2871 | 0.0001 | 3.2871 | 0 | 0.0406 | 0 | 0.0406 |
| 323 | 10.7 | 10.6 | 0.9999 | 2.2864 | 0 | 3.2864 | 0 | 0.0426 | 0 | 0.0426 |
| 324 | 10.4 | 10.5 | 0.9999 | 2.2867 | 0 | 3.2866 | 0 | 0.05 | 0.0006 | 0.0506 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 325 | 10.3 | 10.6 | 0.9999 | 2.2872 | 0 | 3.2871 | -0.0003 | 0.0563 | 0.001 | 0.057 |
| 326 | 10.2 | 10.6 | 0.9999 | 2.2874 | 0 | 3.2873 | -0.001 | 0.0606 | 0.001 | 0.0606 |
| 327 | 10 | 10.6 | 0.9999 | 2.2878 | 0 | 3.2877 | -0.001 | 0.0698 | 0.001 | 0.0698 |
| 328 | 10.6 | 10.6 | 0.9999 | 2.2883 | 0.0001 | 3.2883 | -0.001 | 0.0698 | 0.001 | 0.0698 |
| 329 | 10.6 | 10.6 | 1 | 2.2881 | 0.0001 | 3.2882 | 0 | 0.0781 | 0.0009 | 0.079 |
| 330 | 10.6 | 10.6 | 1 | 2.2877 | 0.0001 | 3.2878 | 0 | 0.0739 | 0 | 0.0739 |
| 331 | 10.9 | 10.6 | 1 | 2.288 | 0.0001 | 3.2881 | 0.0009 | 0.0768 | 0.0002 | 0.078 |
| 332 | 10.8 | 10.6 | 1 | 2.288 | 0.0001 | 3.2882 | 0.001 | 0.0818 | 0.001 | 0.0838 |
| 333 | 10.5 | 10.6 | 1 | 2.2877 | 0.0002 | 3.2879 | 0.001 | 0.0783 | 0.001 | 0.0803 |
| 334 | 10.7 | 10.6 | 1 | 2.2872 | 0.0002 | 3.2874 | 0.001 | 0.0805 | 0.001 | 0.0825 |
| 335 | 10.6 | 10.7 | 1 | 2.2871 | 0.0002 | 3.2872 | 0.001 | 0.0784 | 0.001 | 0.0804 |
| 336 | 10.4 | 10.7 | 1 | 2.2869 | 0.0002 | 3.2871 | 0.0006 | 0.0809 | 0.001 | 0.0824 |
| 337 | 10.5 | 10.8 | 1 | 2.2869 | 0.0001 | 3.2871 | 0 | 0.0865 | 0.0005 | 0.0869 |
| 338 | 10.8 | 10.8 | 0.9999 | 2.2871 | 0.0001 | 3.2871 | -0.0008 | 0.0818 | 0 | 0.081 |
| 339 | 11 | 10.8 | 0.9999 | 2.2868 | 0.0002 | 3.2869 | -0.001 | 0.082 | 0.0008 | 0.0818 |
| 340 | 11.1 | 10.8 | 0.9999 | 2.2864 | 0.0002 | 3.2865 | -0.001 | 0.0796 | 0.001 | 0.0796 |
| 341 | 10.9 | 10.8 | 0.9999 | 2.2858 | 0.0001 | 3.2859 | -0.001 | 0.0814 | 0.001 | 0.0814 |
| 342 | 10.9 | 10.8 | 0.9999 | 2.2859 | 0.0001 | 3.2859 | -0.001 | 0.0782 | -0.0001 | 0.0771 |
| 343 | 11.1 | 10.8 | 0.9999 | 2.2857 | 0.0002 | 3.2857 | -0.001 | 0.0725 | -0.001 | 0.0705 |
| 344 | 11.6 | 10.9 | 1 | 2.2857 | 0.0002 | 3.2859 | -0.001 | 0.0745 | -0.001 | 0.0725 |
| 345 | 10.7 | 10.9 | 0.9999 | 2.2854 | 0.0001 | 3.2854 | -0.001 | 0.0709 | -0.001 | 0.0689 |
| 346 | 10.6 | 10.9 | 0.9999 | 2.286 | 0.0001 | 3.286 | -0.001 | 0.0654 | -0.001 | 0.0634 |
| 347 | 10.7 | 10.9 | 0.9999 | 2.2862 | 0.0001 | 3.2862 | -0.001 | 0.0611 | -0.001 | 0.0591 |
| 348 | 10.9 | 10.9 | 0.9999 | 2.2861 | 0.0001 | 3.2861 | -0.0005 | 0.0611 | -0.001 | 0.0596 |
| 349 | 10.8 | 10.9 | 0.9999 | 2.2861 | 0.0002 | 3.2861 | 0 | 0.0597 | -0.001 | 0.0587 |
| 350 | 10.8 | 10.8 | 0.9999 | 2.286 | 0.0002 | 3.2861 | 0 | 0.0573 | -0.001 | 0.0563 |
| 351 | 10.9 | 10.8 | 1 | 2.286 | 0.0001 | 3.2861 | -0.0008 | 0.0584 | -0.001 | 0.0566 |
| 352 | 10.9 | 10.8 | 1 | 2.2865 | 0.0001 | 3.2866 | -0.0001 | 0.0587 | -0.001 | 0.0577 |
| 353 | 11.1 | 10.8 | 1 | 2.2869 | 0.0001 | 3.287 | 0 | 0.0572 | -0.001 | 0.0562 |
| 354 | 10.8 | 10.8 | 1 | 2.2867 | 0.0001 | 3.2868 | 0 | 0.0648 | -0.001 | 0.0638 |
| 355 | 10.9 | 10.8 | 1 | 2.2869 | 0.0002 | 3.2871 | 0 | 0.0686 | -0.001 | 0.0676 |
| 356 | 10.6 | 10.8 | 1 | 2.2865 | 0.0002 | 3.2867 | 0 | 0.0716 | -0.001 | 0.0706 |
| 357 | 10.3 | 10.8 | 1 | 2.2868 | 0.0002 | 3.2869 | -0.0005 | 0.0725 | -0.001 | 0.071 |
| 358 | 10.7 | 10.8 | 0.9999 | 2.2865 | 0.0001 | 3.2865 | -0.001 | 0.08 | -0.001 | 0.078 |
| 359 | 10.6 | 10.8 | 0.9999 | 2.2859 | 0.0001 | 3.2859 | -0.0003 | 0.0854 | -0.001 | 0.0841 |
| 360 | 10.9 | 10.8 | 0.9999 | 2.2855 | 0.0001 | 3.2855 | 0 | 0.0868 | -0.001 | 0.0858 |
| 361 | 10.8 | 10.8 | 0.9999 | 2.2852 | 0.0001 | 3.2852 | 0 | 0.09 | -0.001 | 0.089 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 362 | 10.5 | 10.8 | 1 | 2.2849 | 0.0002 | 3.2851 | 0 | 0.0869 | -0.0005 | 0.0864 |
| 363 | 10.9 | 10.7 | 0.9999 | 2.2845 | 0.0001 | 3.2845 | 0 | 0.0785 | 0 | 0.0785 |
| 364 | 10.9 | 10.7 | 1 | 2.284 | 0.0001 | 3.2841 | 0 | 0.0739 | 0 | 0.0739 |
| 365 | 10.9 | 10.7 | 1 | 2.285 | 0.0002 | 3.2852 | 0 | 0.0766 | 0 | 0.0766 |
| 366 | 11.5 | 10.7 | 1 | 2.2846 | 0.0002 | 3.2848 | -0.0004 | 0.075 | 0 | 0.0747 |
| 367 | 10.5 | 10.8 | 1 | 2.2845 | 0.0002 | 3.2847 | -0.001 | 0.0736 | 0 | 0.0726 |
| 368 | 10.7 | 10.8 | 1 | 2.2848 | 0.0002 | 3.285 | -0.0002 | 0.0722 | 0 | 0.072 |
| 369 | 10.8 | 10.8 | 1 | 2.2853 | 0.0002 | 3.2855 | -0.0008 | 0.0647 | -0.0008 | 0.0631 |
| 370 | 10.7 | 10.8 | 0.9999 | 2.2848 | 0.0002 | 3.2849 | -0.001 | 0.0606 | -0.001 | 0.0586 |
| 371 | 10.4 | 10.8 | 1 | 2.2843 | 0.0002 | 3.2845 | -0.001 | 0.0576 | -0.001 | 0.0556 |
| 372 | 10.5 | 10.8 | 1 | 2.2841 | 0.0002 | 3.2843 | -0.001 | 0.0566 | -0.001 | 0.0546 |
| 373 | 10.8 | 10.8 | 1 | 2.2839 | 0.0001 | 3.2841 | -0.001 | 0.0554 | 0 | 0.0544 |
| 374 | 10.7 | 10.7 | 1 | 2.2838 | 0.0001 | 3.2839 | -0.001 | 0.0473 | -0.0005 | 0.0458 |
| 375 | 11.1 | 10.7 | 1 | 2.2836 | 0.0001 | 3.2837 | -0.001 | 0.0487 | -0.001 | 0.0467 |
| 376 | 10.6 | 10.7 | 1 | 2.2829 | 0.0001 | 3.283 | -0.001 | 0.0484 | -0.0013 | 0.0462 |
| 377 | 10.7 | 10.7 | 1 | 2.2829 | 0.0001 | 3.283 | -0.001 | 0.0481 | -0.0016 | 0.0454 |
| 378 | 10.5 | 10.6 | 0.9999 | 2.2822 | 0.0001 | 3.2822 | -0.001 | 0.0526 | -0.001 | 0.0506 |
| 379 | 11.1 | 10.6 | 0.9999 | 2.2825 | 0.0002 | 3.2826 | -0.001 | 0.0614 | -0.0001 | 0.0603 |
| 380 | 10.7 | 10.6 | 0.9999 | 2.2827 | 0.0002 | 3.2828 | 0 | 0.0615 | 0 | 0.0615 |
| 381 | 11 | 10.6 | 0.9999 | 2.2823 | 0.0001 | 3.2823 | 0 | 0.0558 | 0 | 0.0558 |
| 382 | 10.5 | 10.6 | 0.9999 | 2.2823 | 0.0001 | 3.2823 | 0 | 0.0615 | 0 | 0.0615 |
| 383 | 10.2 | 10.6 | 0.9999 | 2.2823 | 0.0001 | 3.2823 | 0 | 0.0614 | 0.0002 | 0.0616 |
| 384 | 10.2 | 10.6 | 0.9999 | 2.2824 | 0.0001 | 3.2824 | 0.0009 | 0.0615 | 0.001 | 0.0634 |
| 385 | 10.7 | 10.6 | 0.9999 | 2.2819 | 0.0001 | 3.2819 | 0 | 0.0573 | 0.0006 | 0.0579 |
| 386 | 10.5 | 10.6 | 0.9999 | 2.2818 | 0.0001 | 3.2818 | 0.001 | 0.0546 | 0.0005 | 0.0561 |
| 387 | 10.6 | 10.6 | 1 | 2.2819 | 0.0001 | 3.282 | 0.0009 | 0.0557 | 0.0009 | 0.0575 |
| 388 | 10.1 | 10.6 | 1 | 2.2818 | 0 | 3.2818 | 0 | 0.0597 | -0.0007 | 0.059 |
| 389 | 10.5 | 10.5 | 1 | 2.2821 | 0 | 3.2821 | -0.0007 | 0.0614 | -0.001 | 0.0597 |
| 390 | 10.7 | 10.5 | 1 | 2.2823 | 0 | 3.2823 | -0.001 | 0.0596 | -0.0002 | 0.0584 |
| 391 | 10.6 | 10.5 | 1 | 2.2827 | 0.0001 | 3.2828 | -0.001 | 0.0596 | 0.0005 | 0.0591 |
| 392 | 10.8 | 10.5 | 1 | 2.2823 | 0.0002 | 3.2825 | -0.001 | 0.0566 | 0.0002 | 0.0558 |
| 393 | 10.9 | 10.6 | 1 | 2.282 | 0.0002 | 3.2822 | -0.0003 | 0.0578 | 0 | 0.0575 |
| 394 | 10.7 | 10.6 | 1 | 2.2821 | 0.0002 | 3.2823 | 0 | 0.0577 | 0.0009 | 0.0586 |
| 395 | 10.2 | 10.6 | 1 | 2.2821 | 0.0002 | 3.2823 | 0.0009 | 0.0598 | 0.001 | 0.0617 |
| 396 | 10.5 | 10.6 | 1 | 2.2823 | 0.0002 | 3.2825 | -0.0009 | 0.0573 | 0 | 0.0564 |
| 397 | 10.4 | 10.6 | 1 | 2.2822 | 0.0002 | 3.2824 | 0 | 0.0554 | 0 | 0.0554 |
| 398 | 10.4 | 10.6 | 1 | 2.2824 | 0.0002 | 3.2826 | 0 | 0.0589 | -0.0001 | 0.0587 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 399 | 10.4 | 10.7 | 1 | 2.2825 | 0.0002 | 3.2827 | 0 | 0.0497 | -0.0007 | 0.049 |
| 400 | 10.6 | 10.7 | 1 | 2.2824 | 0.0002 | 3.2826 | -0.0003 | 0.0504 | -0.0004 | 0.0497 |
| 401 | 11 | 10.7 | 1 | 2.2821 | 0.0002 | 3.2823 | -0.0007 | 0.0532 | -0.0005 | 0.052 |
| 402 | 11 | 10.7 | 1 | 2.2822 | 0.0002 | 3.2824 | 0.0003 | 0.0584 | -0.0006 | 0.058 |
| 403 | 11.3 | 10.7 | 1 | 2.2817 | 0.0002 | 3.2819 | 0.0004 | 0.0706 | -0.0006 | 0.0704 |
| 404 | 10.7 | 10.7 | 1 | 2.2816 | 0.0002 | 3.2818 | 0.001 | 0.0734 | 0 | 0.0744 |
| 405 | 10.6 | 10.7 | 1 | 2.2816 | 0.0002 | 3.2818 | 0.001 | 0.0772 | -0.0005 | 0.0776 |
| 406 | 10 | 10.8 | 1 | 2.2813 | 0.0002 | 3.2815 | 0.001 | 0.0745 | -0.0001 | 0.0754 |
| 407 | 10.9 | 10.8 | 1 | 2.2808 | 0.0002 | 3.281 | 0.001 | 0.0668 | 0.0007 | 0.0685 |
| 408 | 10.8 | 10.9 | 1 | 2.2807 | 0.0002 | 3.2809 | 0.0001 | 0.0722 | 0.0009 | 0.0731 |
| 409 | 10.8 | 10.9 | 1 | 2.2809 | 0.0002 | 3.2811 | -0.001 | 0.0744 | -0.0009 | 0.0725 |
| 410 | 11.1 | 10.9 | 1 | 2.281 | 0.0002 | 3.2812 | -0.001 | 0.0724 | -0.001 | 0.0704 |
| 411 | 11 | 10.9 | 1 | 2.2812 | 0.0001 | 3.2814 | 0 | 0.0656 | 0 | 0.0656 |
| 412 | 10.8 | 10.9 | 1 | 2.2818 | 0.0001 | 3.2819 | 0 | 0.0589 | 0 | 0.0589 |
| 413 | 10.7 | 10.9 | 1 | 2.2815 | 0.0001 | 3.2816 | 0.0006 | 0.0612 | 0.0006 | 0.0625 |
| 414 | 11.1 | 10.9 | 1 | 2.2811 | 0.0001 | 3.2812 | 0.0003 | 0.0576 | 0.0003 | 0.0581 |
| 415 | 11.5 | 10.9 | 1 | 2.281 | 0.0001 | 3.2811 | 0.0008 | 0.0478 | 0 | 0.0486 |
| 416 | 11.2 | 10.9 | 1 | 2.2811 | 0.0001 | 3.2812 | 0.001 | 0.0529 | 0.0009 | 0.0548 |
| 417 | 10.9 | 10.9 | 0.9999 | 2.2811 | 0.0001 | 3.2811 | 0.001 | 0.0427 | 0.001 | 0.0447 |
| 418 | 11.1 | 10.9 | 1 | 2.2817 | 0.0002 | 3.2819 | 0.001 | 0.0421 | 0.0003 | 0.0434 |
| 419 | 11.1 | 10.9 | 1 | 2.2819 | 0.0002 | 3.2821 | 0.001 | 0.0481 | 0.0007 | 0.0498 |
| 420 | 10.8 | 10.9 | 1 | 2.282 | 0.0002 | 3.2822 | 0.0008 | 0.0512 | 0.001 | 0.053 |
| 421 | 10.9 | 11 | 1 | 2.2819 | 0.0002 | 3.2821 | 0.0003 | 0.0485 | 0.001 | 0.0498 |
| 422 | 10.5 | 11 | 1 | 2.2815 | 0.0001 | 3.2816 | 0.001 | 0.0452 | 0.001 | 0.0472 |
| 423 | 10.7 | 11 | 1 | 2.2817 | 0.0001 | 3.2818 | 0.001 | 0.0414 | 0.001 | 0.0434 |
| 424 | 10.4 | 11 | 1 | 2.2819 | 0.0001 | 3.282 | 0.001 | 0.044 | 0.0004 | 0.0453 |
| 425 | 10.7 | 10.9 | 1 | 2.2823 | 0.0001 | 3.2825 | 0.001 | 0.0546 | 0 | 0.0556 |
| 426 | 10.7 | 10.9 | 1 | 2.2826 | 0.0002 | 3.2828 | 0.0008 | 0.0544 | 0 | 0.0552 |
| 427 | 10.9 | 10.9 | 1 | 2.2825 | 0.0001 | 3.2826 | 0 | 0.0406 | -0.0003 | 0.0404 |
| 428 | 11.3 | 10.9 | 1 | 2.2821 | 0.0001 | 3.2822 | 0 | 0.0376 | -0.0006 | 0.037 |
| 429 | 11.2 | 10.8 | 1 | 2.2819 | 0.0001 | 3.282 | -0.0005 | 0.0278 | 0.0001 | 0.0273 |
| 430 | 11.2 | 10.8 | 1 | 2.2821 | 0.0001 | 3.2822 | 0 | 0.0259 | 0.001 | 0.0269 |
| 431 | 11.6 | 10.8 | 1 | 2.2819 | 0.0001 | 3.282 | 0 | 0.0249 | 0.0001 | 0.025 |
| 432 | 10.9 | 10.8 | 1 | 2.2819 | 0.0001 | 3.282 | 0 | 0.0185 | -0.0002 | 0.0182 |
| 433 | 10.5 | 10.8 | 0.9999 | 2.2815 | 0.0001 | 3.2815 | 0 | 0.0189 | 0 | 0.0189 |
| 434 | 10.6 | 10.9 | 1 | 2.2815 | 0.0001 | 3.2816 | 0 | 0.0218 | 0 | 0.0218 |
| 435 | 10.6 | 10.9 | 0.9999 | 2.2816 | 0.0001 | 3.2816 | -0.0009 | 0.0225 | -0.0009 | 0.0207 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 436 | 10.9 | 10.9 | 0.9999 | 2.2813 | 0.0001 | 3.2814 | -0.001 | 0.0164 | 0 | 0.0154 |
| 437 | 10.7 | 10.9 | 1 | 2.281 | 0.0002 | 3.2812 | -0.001 | 0.0162 | -0.0009 | 0.0143 |
| 438 | 10.5 | 10.8 | 1 | 2.2809 | 0.0002 | 3.2811 | -0.0002 | 0.0222 | 0 | 0.0219 |
| 439 | 10.8 | 10.8 | 1 | 2.2808 | 0.0002 | 3.281 | 0.0003 | 0.023 | -0.0008 | 0.0225 |
| 440 | 10.7 | 10.8 | 1 | 2.2804 | 0.0001 | 3.2806 | 0.001 | 0.0294 | -0.001 | 0.0294 |
| 441 | 10.8 | 10.7 | 1 | 2.2802 | 0.0001 | 3.2803 | 0.0005 | 0.0313 | -0.0015 | 0.0304 |
| 442 | 10.8 | 10.7 | 0.9999 | 2.2802 | 0.0001 | 3.2802 | 0.0005 | 0.0292 | -0.0009 | 0.0288 |
| 443 | 10.8 | 10.7 | 0.9999 | 2.2799 | 0.0001 | 3.2799 | 0.001 | 0.0269 | 0.0006 | 0.0285 |
| 444 | 10.6 | 10.7 | 0.9999 | 2.2797 | 0.0001 | 3.2797 | 0.001 | 0.0211 | 0.001 | 0.0231 |
| 445 | 10.7 | 10.7 | 1 | 2.2797 | 0.0001 | 3.2798 | 0.001 | 0.0205 | 0.001 | 0.0225 |
| 446 | 10.9 | 10.6 | 0.9999 | 2.2805 | 0.0001 | 3.2805 | 0.001 | 0.0169 | 0.001 | 0.0189 |
| 447 | 11.2 | 10.6 | 0.9999 | 2.2803 | 0.0001 | 3.2803 | 0.001 | 0.0135 | 0.001 | 0.0155 |
| 448 | 10.9 | 10.6 | 0.9999 | 2.2811 | 0.0002 | 3.2812 | 0.001 | 0.0095 | 0.001 | 0.0115 |
| 449 | 10.2 | 10.6 | 0.9999 | 2.281 | 0.0002 | 3.2811 | 0.001 | 0.0171 | 0.001 | 0.0191 |
| 450 | 10.1 | 10.6 | 1 | 2.2807 | 0.0002 | 3.2809 | 0.001 | 0.018 | 0.001 | 0.02 |
| 451 | 10.3 | 10.6 | 0.9999 | 2.2801 | 0.0002 | 3.2803 | 0.001 | 0.0174 | 0.001 | 0.0194 |
| 452 | 10.4 | 10.6 | 1 | 2.2795 | 0.0002 | 3.2796 | 0.0007 | 0.0171 | 0.001 | 0.0187 |
| 453 | 10.6 | 10.6 | 0.9999 | 2.2795 | 0.0001 | 3.2795 | 0.0004 | 0.0178 | 0.001 | 0.0193 |
| 454 | 10.8 | 10.6 | 0.9999 | 2.279 | 0.0002 | 3.2791 | 0.001 | 0.0152 | 0.0004 | 0.0167 |
| 455 | 10.4 | 10.6 | 0.9999 | 2.2794 | 0.0002 | 3.2795 | 0.001 | 0.0198 | 0 | 0.0208 |
| 456 | 10.7 | 10.6 | 0.9999 | 2.2798 | 0.0001 | 3.2799 | 0.0003 | 0.0199 | 0 | 0.0201 |
| 457 | 10.5 | 10.5 | 1 | 2.2796 | 0.0001 | 3.2796 | 0.0008 | 0.0201 | 0 | 0.0209 |
| 458 | 10.4 | 10.5 | 1 | 2.279 | 0.0002 | 3.2792 | 0.0002 | 0.0143 | 0 | 0.0144 |
| 459 | 10.6 | 10.6 | 1 | 2.2787 | 0.0002 | 3.2789 | 0 | 0.0133 | 0 | 0.0133 |
| 460 | 10.5 | 10.6 | 0.9999 | 2.279 | 0.0001 | 3.279 | 0 | 0.0146 | 0 | 0.0146 |
| 461 | 10.7 | 10.6 | 0.9999 | 2.2793 | 0.0001 | 3.2793 | 0 | 0.0207 | 0 | 0.0207 |
| 462 | 10.9 | 10.6 | 0.9999 | 2.2788 | 0.0001 | 3.2788 | 0 | 0.0249 | -0.0005 | 0.0244 |
| 463 | 10.4 | 10.6 | 0.9999 | 2.2787 | 0.0001 | 3.2787 | 0 | 0.0395 | -0.001 | 0.0385 |
| 464 | 10.6 | 10.6 | 0.9999 | 2.2792 | 0.0001 | 3.2792 | 0 | 0.0403 | -0.001 | 0.0393 |
| 465 | 10.6 | 10.6 | 0.9999 | 2.2797 | 0.0001 | 3.2797 | 0 | 0.0351 | -0.001 | 0.0341 |
| 466 | 10.7 | 10.6 | 0.9999 | 2.2803 | 0.0001 | 3.2803 | 0.0005 | 0.0377 | -0.001 | 0.0371 |
| 467 | 10.5 | 10.6 | 0.9999 | 2.2803 | 0.0002 | 3.2804 | 0.001 | 0.0426 | -0.0004 | 0.0431 |
| 468 | 11.3 | 10.7 | 0.9999 | 2.28 | 0.0001 | 3.2801 | 0.0002 | 0.0484 | 0 | 0.0487 |
| 469 | 10.6 | 10.7 | 0.9999 | 2.2802 | 0.0001 | 3.2802 | 0 | 0.0558 | 0 | 0.0559 |
| 470 | 10.6 | 10.7 | 0.9999 | 2.2799 | 0.0001 | 3.2799 | 0 | 0.0587 | 0 | 0.0587 |
| 471 | 10.7 | 10.7 | 0.9999 | 2.2798 | 0.0001 | 3.2798 | 0 | 0.0552 | 0 | 0.0552 |
| 472 | 10.3 | 10.7 | 0.9999 | 2.28 | 0.0001 | 3.28 | 0 | 0.053 | 0 | 0.053 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 473 | 10.6 | 10.7 | 0.9999 | 2.2795 | 0.0001 | 3.2795 | 0.0002 | 0.0533 | -0.0008 | 0.0526 |
| 474 | 10.7 | 10.7 | 0.9999 | 2.2783 | 0.0001 | 3.2783 | 0.001 | 0.0562 | 0 | 0.0572 |
| 475 | 10.5 | 10.8 | 0.9999 | 2.2782 | 0.0001 | 3.2782 | 0.001 | 0.0563 | -0.0003 | 0.0569 |
| 476 | 10.7 | 10.8 | 1 | 2.2788 | 0.0001 | 3.2789 | 0.0006 | 0.0609 | -0.0007 | 0.0607 |
| 477 | 11 | 10.8 | 1 | 2.2791 | 0.0002 | 3.2793 | 0.0005 | 0.0699 | -0.0004 | 0.0701 |
| 478 | 10.9 | 10.7 | 1 | 2.2794 | 0.0001 | 3.2795 | 0.0004 | 0.0692 | -0.001 | 0.0686 |
| 479 | 10.7 | 10.8 | 0.9999 | 2.2799 | 0.0001 | 3.2799 | 0 | 0.0644 | -0.001 | 0.0634 |
| 480 | 10.9 | 10.8 | 0.9999 | 2.2802 | 0.0002 | 3.2803 | 0 | 0.0586 | -0.001 | 0.0576 |
| 481 | 10.9 | 10.8 | 0.9999 | 2.2805 | 0.0001 | 3.2805 | 0 | 0.0595 | -0.001 | 0.0585 |
| 482 | 11.3 | 10.8 | 0.9999 | 2.2804 | 0.0001 | 3.2804 | 0.0009 | 0.0604 | -0.001 | 0.0603 |
| 483 | 10.5 | 10.8 | 0.9999 | 2.2801 | 0.0001 | 3.2801 | 0.001 | 0.0609 | -0.001 | 0.0609 |
| 484 | 10.9 | 10.8 | 1 | 2.2802 | 0.0002 | 3.2804 | 0.0001 | 0.0615 | -0.001 | 0.0605 |
| 485 | 10.9 | 10.8 | 1 | 2.2803 | 0.0001 | 3.2804 | 0.001 | 0.0556 | -0.001 | 0.0556 |
| 486 | 10.3 | 10.8 | 1 | 2.2802 | 0.0002 | 3.2803 | 0 | 0.0546 | -0.001 | 0.0536 |
| 487 | 10.9 | 10.8 | 1 | 2.2797 | 0.0001 | 3.2798 | 0.0001 | 0.0523 | -0.0009 | 0.0516 |
| 488 | 11 | 10.8 | 1 | 2.2795 | 0.0001 | 3.2796 | 0.001 | 0.0504 | 0 | 0.0514 |
| 489 | 10.8 | 10.8 | 0.9999 | 2.2791 | 0.0001 | 3.2791 | 0.001 | 0.047 | 0 | 0.048 |
| 490 | 10.8 | 10.8 | 0.9999 | 2.2792 | 0.0001 | 3.2793 | 0.001 | 0.0411 | 0 | 0.0421 |
| 491 | 10.7 | 10.8 | 0.9999 | 2.2798 | 0.0002 | 3.2799 | 0.0005 | 0.0345 | -0.0005 | 0.0345 |
| 492 | 11.1 | 10.8 | 0.9999 | 2.2797 | 0.0001 | 3.2797 | 0 | 0.0348 | -0.001 | 0.0338 |
| 493 | 10.9 | 10.8 | 0.9999 | 2.2799 | 0.0001 | 3.2799 | -0.0007 | 0.0371 | -0.001 | 0.0354 |
| 494 | 10.7 | 10.8 | 0.9999 | 2.28 | 0.0001 | 3.28 | -0.001 | 0.0332 | -0.001 | 0.0312 |
| 495 | 11 | 10.8 | 0.9999 | 2.2804 | 0.0001 | 3.2804 | -0.001 | 0.032 | -0.001 | 0.03 |
| 496 | 10.8 | 10.8 | 0.9999 | 2.281 | 0.0001 | 3.281 | -0.0001 | 0.0339 | -0.001 | 0.0328 |
| 497 | 10.5 | 10.8 | 0.9999 | 2.2813 | 0.0001 | 3.2813 | 0 | 0.042 | -0.001 | 0.041 |
| 498 | 10.2 | 10.8 | 0.9999 | 2.2807 | 0.0001 | 3.2807 | -0.0009 | 0.0456 | -0.0009 | 0.0438 |
| 499 | 11.1 | 10.8 | 0.9999 | 2.2807 | 0.0001 | 3.2807 | 0 | 0.0488 | 0 | 0.0488 |
| 500 | 11.1 | 10.8 | 0.9999 | 2.2806 | 0.0001 | 3.2806 | 0 | 0.0475 | 0 | 0.0475 |
| 501 | 11 | 10.8 | 0.9999 | 2.2804 | 0.0001 | 3.2805 | -0.0003 | 0.0479 | 0 | 0.0476 |
| 502 | 10.6 | 10.8 | 1 | 2.2804 | 0.0001 | 3.2805 | -0.0007 | 0.0447 | 0 | 0.0441 |
| 503 | 10.6 | 10.8 | 0.9999 | 2.2801 | 0.0002 | 3.2802 | -0.0004 | 0.0334 | 0.0002 | 0.0332 |
| 504 | 11.1 | 10.8 | 0.9999 | 2.2796 | 0.0002 | 3.2797 | -0.001 | 0.0337 | 0 | 0.0327 |
| 505 | 10.7 | 10.8 | 1 | 2.2796 | 0.0002 | 3.2798 | -0.001 | 0.0295 | 0.0005 | 0.029 |
| 506 | 10.5 | 10.8 | 0.9999 | 2.2792 | 0.0002 | 3.2794 | -0.001 | 0.0334 | 0.001 | 0.0334 |
| 507 | 10.7 | 10.8 | 1 | 2.2794 | 0.0002 | 3.2795 | -0.001 | 0.0373 | 0.0003 | 0.0366 |
| 508 | 11 | 10.9 | 1 | 2.2794 | 0.0002 | 3.2796 | -0.0002 | 0.0388 | 0 | 0.0386 |
| 509 | 10.5 | 10.8 | 1 | 2.2795 | 0.0002 | 3.2797 | 0 | 0.038 | 0 | 0.0381 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 510 | 11 | 10.8 | 1 | 2.2789 | 0.0002 | 3.2791 | 0 | 0.037 | 0 | 0.037 |
| 511 | 10.6 | 10.8 | 1 | 2.2787 | 0.0002 | 3.2789 | -0.0009 | 0.0415 | -0.001 | 0.0395 |
| 512 | 11 | 10.8 | 1 | 2.2778 | 0.0002 | 3.278 | 0 | 0.0442 | -0.001 | 0.0432 |
| 513 | 11 | 10.8 | 1 | 2.2775 | 0.0002 | 3.2777 | 0 | 0.0407 | -0.0007 | 0.04 |
| 514 | 11.1 | 10.8 | 1 | 2.2776 | 0.0002 | 3.2778 | 0 | 0.0427 | -0.0004 | 0.0423 |
| 515 | 11 | 10.8 | 1 | 2.2773 | 0.0002 | 3.2774 | -0.0005 | 0.0513 | -0.001 | 0.0499 |
| 516 | 10.9 | 10.8 | 0.9999 | 2.2769 | 0.0001 | 3.2769 | -0.0004 | 0.0549 | -0.001 | 0.0535 |
| 517 | 10.9 | 10.8 | 0.9999 | 2.2763 | 0.0001 | 3.2763 | 0 | 0.0627 | -0.0003 | 0.0624 |
| 518 | 10.6 | 10.8 | 1 | 2.2761 | 0.0002 | 3.2763 | -0.0008 | 0.0656 | -0.0001 | 0.0647 |
| 519 | 10.9 | 10.8 | 1 | 2.276 | 0.0002 | 3.2762 | -0.001 | 0.0666 | -0.0007 | 0.0649 |
| 520 | 10.8 | 10.8 | 1 | 2.2765 | 0.0002 | 3.2767 | -0.0001 | 0.0634 | -0.0001 | 0.0632 |
| 521 | 11 | 10.8 | 1 | 2.2766 | 0.0002 | 3.2768 | 0 | 0.0611 | 0 | 0.0611 |
| 522 | 10.9 | 10.8 | 1 | 2.2762 | 0.0002 | 3.2764 | 0 | 0.06 | -0.0009 | 0.0591 |
| 523 | 10.9 | 10.8 | 0.9999 | 2.2761 | 0.0001 | 3.2761 | 0 | 0.0599 | 0 | 0.0599 |
| 524 | 10.5 | 10.8 | 0.9999 | 2.2762 | 0.0001 | 3.2763 | 0 | 0.053 | 0 | 0.053 |
| 525 | 10.5 | 10.8 | 0.9999 | 2.2762 | 0.0002 | 3.2764 | 0 | 0.0438 | 0 | 0.0438 |
| 526 | 10.9 | 10.8 | 0.9999 | 2.2756 | 0.0002 | 3.2758 | 0.0002 | 0.0411 | 0 | 0.0413 |
| 527 | 10.8 | 10.8 | 1 | 2.2756 | 0.0002 | 3.2757 | 0.001 | 0.0445 | 0.0003 | 0.0458 |
| 528 | 10.8 | 10.8 | 1 | 2.2757 | 0.0002 | 3.2759 | 0.001 | 0.0487 | 0.0006 | 0.0503 |
| 529 | 10.6 | 10.8 | 1 | 2.2761 | 0.0002 | 3.2763 | 0.0005 | 0.053 | -0.0007 | 0.0529 |
| 530 | 10.6 | 10.8 | 1 | 2.2761 | 0.0002 | 3.2763 | 0 | 0.0591 | -0.001 | 0.0581 |
| 531 | 10.5 | 10.8 | 0.9999 | 2.2758 | 0.0002 | 3.2759 | 0 | 0.0638 | -0.0003 | 0.0635 |
| 532 | 11.3 | 10.8 | 0.9999 | 2.2758 | 0.0002 | 3.2759 | 0 | 0.0649 | -0.0008 | 0.0641 |
| 533 | 11.1 | 10.8 | 0.9999 | 2.2754 | 0.0002 | 3.2755 | 0 | 0.06 | -0.0002 | 0.0599 |
| 534 | 11.2 | 10.8 | 0.9999 | 2.2759 | 0.0002 | 3.276 | 0 | 0.0553 | -0.0009 | 0.0544 |
| 535 | 10.9 | 10.9 | 0.9999 | 2.2761 | 0.0002 | 3.2762 | 0.0009 | 0.055 | -0.0001 | 0.0558 |
| 536 | 10.9 | 10.9 | 0.9999 | 2.2761 | 0.0002 | 3.2762 | 0.001 | 0.0622 | -0.001 | 0.0622 |
| 537 | 10.7 | 10.9 | 0.9999 | 2.2759 | 0.0002 | 3.276 | 0.0008 | 0.0639 | -0.0001 | 0.0646 |
| 538 | 10.4 | 10.9 | 0.9999 | 2.2762 | 0.0002 | 3.2763 | 0.0003 | 0.0553 | -0.001 | 0.0546 |
| 539 | 10.7 | 11 | 0.9999 | 2.2767 | 0.0002 | 3.2768 | 0.0007 | 0.0522 | -0.001 | 0.0519 |
| 540 | 10.9 | 11 | 0.9999 | 2.277 | 0.0002 | 3.2771 | 0 | 0.0473 | -0.001 | 0.0463 |
| 541 | 11 | 11.1 | 1 | 2.2767 | 0.0002 | 3.2769 | 0.0005 | 0.046 | -0.0005 | 0.046 |
| 542 | 11 | 11.1 | 1 | 2.2765 | 0.0002 | 3.2767 | 0.0005 | 0.0562 | 0 | 0.0566 |
| 543 | 11.2 | 11.1 | 1 | 2.2766 | 0.0002 | 3.2768 | -0.0007 | 0.0556 | -0.0006 | 0.0543 |
| 544 | 11 | 11.2 | 1 | 2.2765 | 0.0002 | 3.2767 | -0.001 | 0.0551 | -0.001 | 0.0531 |
| 545 | 11.4 | 11.2 | 1 | 2.2763 | 0.0002 | 3.2765 | -0.0002 | 0.0583 | -0.001 | 0.0571 |
| 546 | 10.6 | 11.2 | 0.9999 | 2.2763 | 0.0002 | 3.2764 | 0 | 0.0599 | -0.001 | 0.0589 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 547 | 11.6 | 11.3 | 1 | 2.2758 | 0.0002 | 3.2759 | 0 | 0.0675 | -0.0001 | 0.0674 |
| 548 | 11.2 | 11.3 | 0.9999 | 2.2762 | 0.0002 | 3.2763 | 0 | 0.0701 | -0.001 | 0.0691 |
| 549 | 11.3 | 11.3 | 0.9999 | 2.2763 | 0.0002 | 3.2764 | 0 | 0.0736 | 0 | 0.0736 |
| 550 | 11.9 | 11.3 | 1 | 2.2759 | 0.0002 | 3.2761 | 0 | 0.0805 | -0.0002 | 0.0803 |
| 551 | 12.2 | 11.3 | 1 | 2.2756 | 0.0002 | 3.2758 | 0 | 0.0851 | -0.001 | 0.0841 |
| 552 | 11.5 | 11.3 | 1 | 2.2761 | 0.0001 | 3.2763 | 0.0003 | 0.0815 | -0.0006 | 0.0812 |
| 553 | 11.6 | 11.2 | 1 | 2.2761 | 0.0001 | 3.2762 | 0.0001 | 0.084 | 0 | 0.0841 |
| 554 | 11.7 | 11.2 | 1 | 2.2761 | 0.0001 | 3.2762 | -0.0004 | 0.0818 | 0.0006 | 0.0819 |
| 555 | 11.6 | 11.1 | 1 | 2.2761 | 0.0001 | 3.2762 | 0 | 0.0807 | 0.001 | 0.0817 |
| 556 | 11 | 11.1 | 1 | 2.2761 | 0.0001 | 3.2762 | 0.0007 | 0.0786 | 0.001 | 0.0803 |
| 557 | 10.6 | 11.1 | 1 | 2.2757 | 0.0001 | 3.2758 | 0.0002 | 0.0725 | 0.001 | 0.0738 |
| 558 | 11.3 | 11 | 1 | 2.2752 | 0.0002 | 3.2754 | -0.0001 | 0.0717 | 0.001 | 0.0727 |
| 559 | 10.8 | 11 | 1 | 2.275 | 0.0002 | 3.2752 | 0 | 0.0672 | 0 | 0.0672 |
| 560 | 10.9 | 11 | 1 | 2.2748 | 0.0002 | 3.275 | 0 | 0.0689 | 0 | 0.0689 |
| 561 | 10.8 | 10.9 | 0.9999 | 2.2749 | 0.0002 | 3.275 | 0.001 | 0.0644 | 0.0001 | 0.0655 |
| 562 | 10.3 | 10.9 | 0.9999 | 2.2747 | 0.0002 | 3.2748 | 0.001 | 0.0681 | 0.0009 | 0.07 |
| 563 | 10.4 | 10.8 | 0.9999 | 2.2745 | 0.0001 | 3.2745 | 0.001 | 0.0643 | 0 | 0.0653 |
| 564 | 10.3 | 10.8 | 0.9999 | 2.2741 | 0.0002 | 3.2742 | 0.001 | 0.0598 | 0 | 0.0608 |
| 565 | 10.4 | 10.7 | 0.9999 | 2.2742 | 0.0002 | 3.2743 | 0.001 | 0.0623 | 0 | 0.0633 |
| 566 | 10.5 | 10.7 | 0.9999 | 2.2741 | 0.0001 | 3.2741 | 0.0005 | 0.0611 | 0 | 0.0617 |
| 567 | 10.8 | 10.7 | 1 | 2.2737 | 0.0002 | 3.2739 | 0 | 0.0599 | -0.0006 | 0.0594 |
| 568 | 11.2 | 10.7 | 1 | 2.2734 | 0.0002 | 3.2736 | 0 | 0.0546 | -0.001 | 0.0536 |
| 569 | 10.8 | 10.7 | 0.9999 | 2.2738 | 0.0001 | 3.2738 | 0.0001 | 0.0513 | -0.0003 | 0.0511 |
| 570 | 10.9 | 10.7 | 0.9999 | 2.2738 | 0.0001 | 3.2738 | 0.0006 | 0.05 | 0 | 0.0506 |
| 571 | 11.1 | 10.7 | 0.9999 | 2.2738 | 0.0002 | 3.2739 | 0.001 | 0.0593 | 0 | 0.0603 |
| 572 | 10.5 | 10.7 | 0.9999 | 2.274 | 0.0001 | 3.274 | 0.001 | 0.0607 | 0 | 0.0617 |
| 573 | 10.7 | 10.7 | 0.9999 | 2.2742 | 0.0001 | 3.2742 | 0.0008 | 0.0573 | 0.0006 | 0.0587 |
| 574 | 10.5 | 10.7 | 0.9999 | 2.274 | 0.0001 | 3.274 | 0 | 0.054 | -0.0008 | 0.0532 |
| 575 | 10.9 | 10.8 | 0.9999 | 2.2741 | 0.0001 | 3.2741 | -0.0008 | 0.0497 | -0.0007 | 0.0483 |
| 576 | 10.5 | 10.8 | 0.9999 | 2.2744 | 0.0001 | 3.2744 | -0.0006 | 0.0484 | 0 | 0.0478 |
| 577 | 10.5 | 10.8 | 0.9999 | 2.2743 | 0.0001 | 3.2743 | -0.0005 | 0.0406 | 0 | 0.0401 |
| 578 | 11 | 10.8 | 0.9999 | 2.2741 | 0.0002 | 3.2742 | -0.0004 | 0.0342 | 0 | 0.0338 |
| 579 | 10.6 | 10.8 | 0.9999 | 2.274 | 0.0002 | 3.2741 | 0 | 0.035 | 0 | 0.035 |
| 580 | 11 | 10.8 | 0.9999 | 2.2738 | 0.0002 | 3.2739 | 0.0009 | 0.0378 | 0 | 0.0387 |
| 581 | 10.9 | 10.9 | 0.9999 | 2.274 | 0.0002 | 3.2741 | 0 | 0.0398 | 0 | 0.0398 |
| 582 | 10.6 | 10.9 | 0.9999 | 2.2744 | 0.0001 | 3.2744 | -0.0007 | 0.0357 | 0.0002 | 0.0352 |
| 583 | 10.8 | 10.9 | 0.9999 | 2.2746 | 0.0002 | 3.2747 | 0 | 0.0372 | 0.001 | 0.0382 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 584 | 10.8 | 10.9 | 0.9999 | 2.2747 | 0.0002 | 3.2748 | 0 | 0.034 | 0.001 | 0.035 |
| 585 | 10.7 | 10.9 | 0.9999 | 2.2741 | 0.0002 | 3.2742 | -0.0004 | 0.0379 | 0.001 | 0.0385 |
| 586 | 11.2 | 11 | 0.9999 | 2.2738 | 0.0002 | 3.2739 | -0.0005 | 0.0397 | 0.001 | 0.0402 |
| 587 | 10.8 | 11 | 1 | 2.2742 | 0.0002 | 3.2743 | 0 | 0.0436 | 0.0005 | 0.0441 |
| 588 | 11.4 | 11 | 0.9999 | 2.2743 | 0.0002 | 3.2744 | 0 | 0.0442 | 0 | 0.0442 |
| 589 | 11.5 | 11 | 0.9999 | 2.2744 | 0.0002 | 3.2745 | 0 | 0.0551 | 0 | 0.0551 |
| 590 | 11.5 | 11 | 0.9999 | 2.2746 | 0.0002 | 3.2747 | 0 | 0.0632 | 0 | 0.0632 |
| 591 | 11.2 | 11 | 0.9999 | 2.2741 | 0.0002 | 3.2742 | 0.0005 | 0.0634 | 0 | 0.0639 |
| 592 | 11 | 11 | 1 | 2.2741 | 0.0002 | 3.2743 | 0.001 | 0.0609 | 0 | 0.0619 |
| 593 | 11 | 11 | 1 | 2.2744 | 0.0002 | 3.2746 | 0.001 | 0.0588 | 0 | 0.0598 |
| 594 | 10.8 | 11 | 0.9999 | 2.2742 | 0.0002 | 3.2743 | 0.001 | 0.063 | 0.0001 | 0.0642 |
| 595 | 10.9 | 11 | 0.9999 | 2.2744 | 0.0002 | 3.2745 | 0.001 | 0.0642 | 0.0008 | 0.0659 |
| 596 | 10.9 | 11 | 0.9999 | 2.2742 | 0.0001 | 3.2742 | 0.001 | 0.0607 | 0 | 0.0617 |
| 597 | 11.1 | 11.1 | 0.9999 | 2.2743 | 0.0002 | 3.2744 | 0 | 0.0591 | 0 | 0.0591 |
| 598 | 10.8 | 11 | 0.9999 | 2.2733 | 0.0001 | 3.2733 | 0.0009 | 0.0543 | 0 | 0.0552 |
| 599 | 10.5 | 11 | 0.9999 | 2.2726 | 0.0001 | 3.2727 | 0 | 0.0559 | 0 | 0.0559 |
| 600 | 10.8 | 11 | 0.9999 | 2.2721 | 0.0002 | 3.2722 | 0.0003 | 0.0578 | 0 | 0.0581 |
| 601 | 11 | 11 | 0.9999 | 2.2723 | 0.0002 | 3.2723 | 0.001 | 0.0538 | 0 | 0.0548 |
| 602 | 11.2 | 10.9 | 0.9999 | 2.272 | 0.0001 | 3.2721 | 0.001 | 0.0561 | 0 | 0.0571 |
| 603 | 10.9 | 10.9 | 0.9999 | 2.272 | 0.0001 | 3.272 | 0.001 | 0.0662 | -0.0006 | 0.0666 |
| 604 | 10.6 | 10.9 | 0.9999 | 2.2715 | 0.0001 | 3.2715 | 0.001 | 0.0661 | -0.001 | 0.0661 |
| 605 | 11.2 | 10.9 | 0.9999 | 2.2718 | 0.0001 | 3.2718 | 0.001 | 0.0618 | -0.001 | 0.0618 |
| 606 | 11.7 | 10.9 | 0.9999 | 2.272 | 0.0001 | 3.272 | 0.001 | 0.0633 | -0.001 | 0.0633 |
| 607 | 11 | 10.8 | 1 | 2.2722 | 0.0001 | 3.2723 | 0.0018 | 0.0616 | -0.001 | 0.0624 |
| 608 | 11.1 | 10.9 | 1 | 2.2727 | 0.0002 | 3.2729 | 0.0011 | 0.0585 | -0.001 | 0.0587 |
| 609 | 10.9 | 10.9 | 1 | 2.2726 | 0.0002 | 3.2728 | 0.001 | 0.0563 | -0.0001 | 0.0572 |
| 610 | 10.7 | 10.9 | 0.9999 | 2.2725 | 0.0002 | 3.2725 | 0.001 | 0.05 | 0 | 0.051 |
| 611 | 10.9 | 10.9 | 0.9999 | 2.2719 | 0.0001 | 3.2719 | 0.0009 | 0.0512 | 0 | 0.0521 |
| 612 | 10.8 | 10.9 | 0.9999 | 2.2714 | 0.0002 | 3.2715 | 0.0002 | 0.053 | 0 | 0.0532 |
| 613 | 10.5 | 11 | 0.9999 | 2.2715 | 0.0002 | 3.2716 | 0.001 | 0.0527 | -0.0003 | 0.0534 |
| 614 | 10.5 | 11 | 0.9999 | 2.2714 | 0.0002 | 3.2715 | 0.0007 | 0.0508 | -0.0006 | 0.0509 |
| 615 | 10.5 | 11 | 0.9999 | 2.2712 | 0.0002 | 3.2713 | 0.0005 | 0.0488 | 0 | 0.0492 |
| 616 | 10.5 | 10.9 | 0.9999 | 2.2709 | 0.0002 | 3.271 | 0.0004 | 0.0523 | 0.0005 | 0.0532 |
| 617 | 11.1 | 10.9 | 0.9999 | 2.2708 | 0.0002 | 3.2709 | 0 | 0.0545 | 0.0003 | 0.0548 |
| 618 | 11.2 | 10.9 | 1 | 2.271 | 0.0002 | 3.2712 | 0.0008 | 0.056 | 0.0008 | 0.0575 |
| 619 | 11.3 | 10.9 | 0.9999 | 2.271 | 0.0002 | 3.2712 | 0.001 | 0.0508 | 0.001 | 0.0528 |
| 620 | 11.1 | 11 | 0.9999 | 2.2705 | 0.0002 | 3.2706 | 0.0001 | 0.0567 | 0.0001 | 0.0569 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 621 | 11.5 | 10.9 | 0.9999 | 2.2705 | 0.0002 | 3.2706 | 0 | 0.0527 | -0.0009 | 0.0518 |
| 622 | 11.3 | 11 | 0.9999 | 2.2705 | 0.0001 | 3.2705 | 0 | 0.0557 | -0.0001 | 0.0556 |
| 623 | 10.8 | 11 | 0.9999 | 2.2707 | 0.0002 | 3.2708 | 0 | 0.0518 | -0.001 | 0.0508 |
| 624 | 10.9 | 11 | 1 | 2.2713 | 0.0002 | 3.2714 | 0 | 0.0602 | -0.001 | 0.0592 |
| 625 | 11.1 | 11.1 | 1 | 2.2714 | 0.0002 | 3.2716 | 0 | 0.0585 | -0.001 | 0.0575 |
| 626 | 10.8 | 11.1 | 1 | 2.2716 | 0.0002 | 3.2718 | 0 | 0.0602 | -0.001 | 0.0592 |
| 627 | 11.3 | 11.1 | 1 | 2.2722 | 0.0002 | 3.2724 | 0 | 0.0691 | -0.001 | 0.0681 |
| 628 | 11.3 | 11.1 | 1 | 2.2722 | 0.0002 | 3.2724 | 0 | 0.0687 | -0.0007 | 0.068 |
| 629 | 10.9 | 11 | 0.9999 | 2.2723 | 0.0002 | 3.2724 | 0 | 0.0653 | 0.0007 | 0.066 |
| 630 | 10.7 | 11 | 1 | 2.2721 | 0.0002 | 3.2723 | 0 | 0.0605 | 0.001 | 0.0615 |
| 631 | 11 | 11 | 1 | 2.2723 | 0.0002 | 3.2724 | 0 | 0.058 | 0.001 | 0.059 |
| 632 | 10.9 | 11 | 0.9999 | 2.2721 | 0.0001 | 3.2721 | 0 | 0.0573 | 0.001 | 0.0583 |
| 633 | 11.1 | 11 | 0.9999 | 2.272 | 0.0001 | 3.272 | 0 | 0.0609 | 0.0002 | 0.061 |
| 634 | 11.3 | 11 | 0.9999 | 2.2722 | 0.0001 | 3.2722 | -0.0009 | 0.0671 | 0.0009 | 0.0672 |
| 635 | 11.1 | 11 | 1 | 2.2722 | 0.0001 | 3.2722 | -0.0001 | 0.0764 | 0.001 | 0.0773 |
| 636 | 10.9 | 11 | 0.9999 | 2.2717 | 0.0002 | 3.2718 | 0 | 0.0728 | 0.001 | 0.0738 |
| 637 | 10.8 | 11 | 0.9999 | 2.2715 | 0.0002 | 3.2716 | 0.0002 | 0.0676 | 0.001 | 0.0687 |
| 638 | 10.7 | 11 | 0.9999 | 2.2707 | 0.0002 | 3.2708 | 0.0007 | 0.0702 | 0.001 | 0.072 |
| 639 | 11.1 | 11 | 0.9999 | 2.2704 | 0.0002 | 3.2705 | 0 | 0.0697 | 0.001 | 0.0707 |
| 640 | 11.4 | 11 | 0.9999 | 2.2707 | 0.0002 | 3.2708 | 0 | 0.0681 | 0.001 | 0.0691 |
| 641 | 11.2 | 11 | 0.9999 | 2.2706 | 0.0002 | 3.2707 | 0 | 0.0669 | 0.001 | 0.0679 |
| 642 | 10.7 | 11 | 0.9999 | 2.2706 | 0.0002 | 3.2707 | 0 | 0.0595 | 0.001 | 0.0605 |
| 643 | 10.9 | 11 | 0.9999 | 2.2703 | 0.0002 | 3.2704 | 0.0007 | 0.0537 | 0.0006 | 0.055 |
| 644 | 10.9 | 11 | 0.9999 | 2.2701 | 0.0001 | 3.2701 | 0.001 | 0.0561 | 0.0005 | 0.0576 |
| 645 | 11.1 | 11 | 0.9999 | 2.2702 | 0.0002 | 3.2703 | 0.0002 | 0.0531 | 0.001 | 0.0544 |
| 646 | 11 | 11 | 0.9999 | 2.2704 | 0.0002 | 3.2705 | -0.0007 | 0.0578 | 0.001 | 0.0582 |
| 647 | 10.8 | 11 | 0.9999 | 2.2703 | 0.0002 | 3.2704 | -0.0002 | 0.0579 | 0.0001 | 0.0578 |
| 648 | 10.9 | 11 | 0.9999 | 2.2706 | 0.0002 | 3.2707 | 0 | 0.0581 | 0.001 | 0.0591 |
| 649 | 10.8 | 11 | 0.9999 | 2.2705 | 0.0002 | 3.2706 | 0 | 0.0476 | 0 | 0.0476 |
| 650 | 11.2 | 11 | 0.9999 | 2.2705 | 0.0002 | 3.2706 | 0 | 0.0413 | 0.0002 | 0.0415 |
| 651 | 11.4 | 11 | 0.9999 | 2.27 | 0.0002 | 3.2701 | 0 | 0.0332 | 0.001 | 0.0342 |
| 652 | 11.2 | 11 | 0.9999 | 2.2695 | 0.0002 | 3.2696 | 0 | 0.034 | 0.0006 | 0.0346 |
| 653 | 10.9 | 11 | 0.9999 | 2.2695 | 0.0002 | 3.2696 | 0.0005 | 0.0348 | 0 | 0.0353 |
| 654 | 10.6 | 11 | 0.9999 | 2.2699 | 0.0002 | 3.27 | 0.0004 | 0.0386 | 0 | 0.039 |
| 655 | 10.6 | 11 | 0.9999 | 2.2698 | 0.0002 | 3.2699 | 0 | 0.0358 | -0.0003 | 0.0355 |
| 656 | 10.9 | 11 | 0.9998 | 2.2699 | 0.0002 | 3.27 | 0 | 0.0423 | -0.001 | 0.0413 |
| 657 | 11.2 | 11 | 0.9999 | 2.2698 | 0.0002 | 3.2699 | 0 | 0.0459 | -0.001 | 0.0449 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 658 | 11.4 | 11 | 0.9999 | 2.2696 | 0.0002 | 3.2697 | 0.0009 | 0.0483 | -0.001 | 0.0482 |
| 659 | 11 | 11 | 0.9999 | 2.27 | 0.0002 | 3.2701 | 0.001 | 0.056 | 0 | 0.0569 |
| 660 | 11.2 | 11 | 0.9999 | 2.2697 | 0.0002 | 3.2698 | 0.001 | 0.0579 | 0 | 0.0589 |
| 661 | 10.7 | 11 | 0.9999 | 2.2696 | 0.0002 | 3.2697 | 0 | 0.0628 | -0.0001 | 0.0627 |
| 662 | 11 | 11 | 0.9998 | 2.2695 | 0.0002 | 3.2695 | 0 | 0.0599 | -0.0009 | 0.0591 |
| 663 | 10.9 | 11 | 0.9998 | 2.2694 | 0.0002 | 3.2694 | 0 | 0.0525 | 0 | 0.0525 |
| 664 | 11.1 | 11 | 0.9999 | 2.2692 | 0.0002 | 3.2693 | 0 | 0.054 | 0 | 0.054 |
| 665 | 11.2 | 11.1 | 0.9999 | 2.269 | 0.0002 | 3.269 | 0 | 0.048 | 0 | 0.048 |
| 666 | 11.4 | 11.1 | 0.9999 | 2.2686 | 0.0001 | 3.2686 | 0 | 0.0468 | 0 | 0.0468 |
| 667 | 11.1 | 11.1 | 0.9999 | 2.2681 | 0.0001 | 3.2681 | 0 | 0.0467 | 0 | 0.0467 |
| 668 | 10.7 | 11.1 | 0.9999 | 2.2683 | 0.0001 | 3.2683 | -0.0003 | 0.0503 | 0 | 0.05 |
| 669 | 10.2 | 11.1 | 0.9999 | 2.2682 | 0.0001 | 3.2682 | -0.0004 | 0.053 | 0 | 0.0526 |
| 670 | 11.1 | 11.1 | 0.9999 | 2.2685 | 0.0002 | 3.2686 | -0.0006 | 0.0492 | 0 | 0.0486 |
| 671 | 11.3 | 11.1 | 0.9999 | 2.2682 | 0.0002 | 3.2683 | -0.001 | 0.0458 | 0 | 0.0448 |
| 672 | 11.5 | 11.1 | 0.9999 | 2.2688 | 0.0002 | 3.2689 | -0.0006 | 0.0445 | 0 | 0.0439 |
| 673 | 11.1 | 11.1 | 0.9999 | 2.2682 | 0.0002 | 3.2683 | 0 | 0.0441 | -0.0007 | 0.0434 |
| 674 | 11.1 | 11.1 | 0.9999 | 2.2681 | 0.0002 | 3.2682 | 0 | 0.0471 | -0.0002 | 0.0469 |
| 675 | 11.1 | 11.1 | 0.9999 | 2.2681 | 0.0002 | 3.2682 | 0.0008 | 0.0505 | 0 | 0.0513 |
| 676 | 11.2 | 11 | 0.9999 | 2.2675 | 0.0002 | 3.2676 | 0.001 | 0.0507 | 0 | 0.0517 |
| 677 | 11.4 | 11 | 0.9999 | 2.2674 | 0.0002 | 3.2675 | 0.001 | 0.0535 | 0 | 0.0545 |
| 678 | 11.2 | 11 | 0.9999 | 2.2676 | 0.0001 | 3.2676 | 0.001 | 0.0596 | 0 | 0.0606 |
| 679 | 11.2 | 11.1 | 0.9999 | 2.2679 | 0.0001 | 3.2679 | 0.0019 | 0.0565 | 0 | 0.0584 |
| 680 | 11 | 11.1 | 0.9999 | 2.268 | 0.0001 | 3.268 | 0.0011 | 0.0636 | 0 | 0.0647 |
| 681 | 10.8 | 11.1 | 0.9999 | 2.2682 | 0.0001 | 3.2682 | 0.001 | 0.0664 | 0 | 0.0674 |
| 682 | 11.3 | 11.1 | 0.9999 | 2.2683 | 0.0001 | 3.2683 | 0.0008 | 0.0695 | -0.0002 | 0.0701 |
| 683 | 10.8 | 11.1 | 1 | 2.2679 | 0.0001 | 3.268 | 0 | 0.0681 | -0.001 | 0.0671 |
| 684 | 10.8 | 11.1 | 0.9999 | 2.2671 | 0.0001 | 3.2671 | 0 | 0.0726 | -0.001 | 0.0716 |
| 685 | 10.5 | 11.1 | 0.9999 | 2.2668 | 0.0001 | 3.2668 | 0.0004 | 0.0786 | -0.0009 | 0.0781 |
| 686 | 10.7 | 11.1 | 0.9999 | 2.267 | 0.0001 | 3.267 | 0.0006 | 0.0793 | 0 | 0.08 |
| 687 | 11.3 | 11.1 | 0.9999 | 2.2671 | 0.0001 | 3.2671 | 0.001 | 0.0728 | 0.0005 | 0.0743 |
| 688 | 11.4 | 11.1 | 0.9999 | 2.2673 | 0.0001 | 3.2673 | 0.0007 | 0.0691 | 0.001 | 0.0708 |
| 689 | 11 | 11.1 | 0.9999 | 2.2676 | 0.0001 | 3.2676 | 0 | 0.0617 | 0.001 | 0.0627 |
| 690 | 11.3 | 11.2 | 0.9999 | 2.2679 | 0.0001 | 3.2679 | 0 | 0.0547 | 0.001 | 0.0557 |
| 691 | 11.2 | 11.2 | 0.9999 | 2.2682 | 0.0001 | 3.2682 | 0 | 0.0545 | 0.001 | 0.0555 |
| 692 | 11.4 | 11.1 | 0.9999 | 2.2687 | 0.0001 | 3.2688 | 0 | 0.0492 | 0.001 | 0.0502 |
| 693 | 11.4 | 11.1 | 0.9999 | 2.2688 | 0.0002 | 3.2689 | 0 | 0.0468 | 0.001 | 0.0478 |
| 694 | 11.1 | 11.1 | 0.9999 | 2.2689 | 0.0001 | 3.2689 | -0.0007 | 0.0444 | 0.0009 | 0.0446 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 695 | 11.4 | 11.2 | 1 | 2.2687 | 0.0001 | 3.2687 | -0.001 | 0.0463 | -0.0006 | 0.0447 |
| 696 | 11.2 | 11.2 | 0.9999 | 2.2684 | 0.0001 | 3.2684 | -0.0001 | 0.0466 | 0 | 0.0465 |
| 697 | 11.1 | 11.1 | 0.9999 | 2.2685 | 0.0001 | 3.2685 | 0 | 0.0458 | 0 | 0.0458 |
| 698 | 11.4 | 11.1 | 0.9999 | 2.2686 | 0.0001 | 3.2686 | 0 | 0.044 | 0 | 0.044 |
| 699 | 11.7 | 11.1 | 0.9999 | 2.2685 | 0.0001 | 3.2685 | 0 | 0.0442 | 0 | 0.0442 |
| 700 | 10.9 | 11.1 | 0.9999 | 2.2688 | 0.0001 | 3.2688 | 0.0001 | 0.0397 | 0.0001 | 0.0398 |
| 701 | 10.8 | 11.1 | 0.9999 | 2.2689 | 0.0001 | 3.2689 | 0.0011 | 0.036 | 0.001 | 0.0382 |
| 702 | 10.9 | 11.1 | 0.9999 | 2.2685 | 0.0001 | 3.2685 | 0.002 | 0.0286 | 0.001 | 0.0316 |
| 703 | 10.9 | 11.1 | 0.9999 | 2.2681 | 0.0001 | 3.2681 | 0.002 | 0.0236 | 0.001 | 0.0266 |
| 704 | 10.9 | 11.1 | 0.9999 | 2.268 | 0.0001 | 3.268 | 0.002 | 0.0235 | 0.001 | 0.0265 |
| 705 | 10.7 | 11.1 | 0.9999 | 2.2675 | 0.0002 | 3.2676 | 0.002 | 0.0315 | 0.0015 | 0.035 |
| 706 | 10.9 | 11.1 | 0.9999 | 2.2674 | 0.0002 | 3.2675 | 0.0014 | 0.0375 | 0.0014 | 0.0403 |
| 707 | 10.9 | 11.1 | 0.9999 | 2.2673 | 0.0002 | 3.2674 | -0.0005 | 0.0389 | 0.001 | 0.0395 |
| 708 | 10.8 | 11.1 | 0.9999 | 2.2671 | 0.0002 | 3.2672 | -0.0001 | 0.0441 | 0.001 | 0.045 |
| 709 | 11 | 11.1 | 0.9999 | 2.2668 | 0.0002 | 3.2669 | 0.0009 | 0.0432 | 0.001 | 0.0451 |
| 710 | 11.5 | 11.1 | 0.9999 | 2.2662 | 0.0002 | 3.2663 | 0.001 | 0.047 | 0.001 | 0.049 |
| 711 | 11.5 | 11.1 | 0.9999 | 2.2659 | 0.0002 | 3.266 | 0.001 | 0.0502 | 0.001 | 0.0522 |
| 712 | 11.2 | 11.1 | 0.9999 | 2.2662 | 0.0002 | 3.2663 | 0.0008 | 0.053 | 0.0012 | 0.055 |
| 713 | 11.4 | 11.1 | 0.9999 | 2.2661 | 0.0002 | 3.2662 | -0.0002 | 0.0535 | 0.0018 | 0.055 |
| 714 | 11 | 11.1 | 0.9999 | 2.2666 | 0.0002 | 3.2667 | -0.0007 | 0.0554 | 0.001 | 0.0557 |
| 715 | 11.3 | 11.2 | 0.9999 | 2.2665 | 0.0002 | 3.2666 | 0 | 0.0549 | 0.001 | 0.0559 |
| 716 | 11 | 11.2 | 0.9999 | 2.2662 | 0.0002 | 3.2663 | 0.0005 | 0.052 | 0.0005 | 0.0531 |
| 717 | 11.3 | 11.2 | 0.9999 | 2.2658 | 0.0002 | 3.2659 | 0.001 | 0.047 | 0 | 0.048 |
| 718 | 11.3 | 11.2 | 1 | 2.2657 | 0.0002 | 3.2659 | 0.0003 | 0.0415 | 0 | 0.0418 |
| 719 | 11.3 | 11.2 | 1 | 2.2661 | 0.0002 | 3.2663 | 0 | 0.046 | 0 | 0.046 |
| 720 | 11.1 | 11.2 | 1 | 2.266 | 0.0002 | 3.2662 | 0 | 0.0482 | 0 | 0.0482 |
| 721 | 10.8 | 11.2 | 1 | 2.2661 | 0.0002 | 3.2662 | 0 | 0.0533 | 0.0009 | 0.0542 |
| 722 | 11 | 11.2 | 0.9999 | 2.266 | 0.0002 | 3.2661 | 0 | 0.0513 | 0.001 | 0.0523 |
| 723 | 11.2 | 11.2 | 0.9999 | 2.266 | 0.0002 | 3.2661 | 0 | 0.0559 | 0.001 | 0.0569 |
| 724 | 11.3 | 11.2 | 0.9999 | 2.2662 | 0.0002 | 3.2663 | 0 | 0.0509 | 0.001 | 0.0519 |
| 725 | 11 | 11.2 | 0.9999 | 2.2663 | 0.0002 | 3.2664 | 0 | 0.0524 | 0.0007 | 0.0531 |
| 726 | 11.7 | 11.2 | 0.9999 | 2.2662 | 0.0002 | 3.2663 | 0 | 0.0494 | 0.0004 | 0.0498 |
| 727 | 11 | 11.2 | 0.9999 | 2.2662 | 0.0002 | 3.2663 | 0.0005 | 0.043 | 0.001 | 0.0445 |
| 728 | 11.6 | 11.2 | 0.9998 | 2.2665 | 0.0002 | 3.2666 | 0.001 | 0.0446 | 0.0007 | 0.0462 |
| 729 | 11 | 11.2 | 0.9998 | 2.2659 | 0.0002 | 3.2659 | 0.001 | 0.0431 | 0 | 0.0441 |
| 730 | 11.1 | 11.2 | 0.9999 | 2.2655 | 0.0002 | 3.2656 | 0.001 | 0.0441 | 0 | 0.0451 |
| 731 | 11.1 | 11.2 | 0.9999 | 2.2653 | 0.0002 | 3.2654 | 0.0002 | 0.0494 | 0 | 0.0495 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 732 | 11.4 | 11.2 | 0.9999 | 2.2653 | 0.0002 | 3.2654 | 0 | 0.0478 | -0.0009 | 0.0468 |
| 733 | 10.9 | 11.2 | 0.9999 | 2.2647 | 0.0002 | 3.2648 | 0 | 0.0522 | 0 | 0.0522 |
| 734 | 11.5 | 11.2 | 0.9999 | 2.2643 | 0.0002 | 3.2644 | 0.0007 | 0.0477 | -0.001 | 0.0475 |
| 735 | 11.6 | 11.2 | 0.9999 | 2.2642 | 0.0001 | 3.2642 | -0.0009 | 0.0392 | -0.0008 | 0.0374 |
| 736 | 11.5 | 11.2 | 0.9998 | 2.2645 | 0.0001 | 3.2644 | -0.001 | 0.0353 | 0 | 0.0343 |
| 737 | 10.9 | 11.1 | 0.9998 | 2.2646 | 0.0001 | 3.2645 | -0.001 | 0.0401 | -0.0003 | 0.0387 |
| 738 | 10.8 | 11.1 | 0.9999 | 2.2645 | 0.0001 | 3.2645 | -0.001 | 0.0453 | -0.001 | 0.0433 |
| 739 | 11 | 11 | 0.9999 | 2.2649 | 0.0001 | 3.2649 | -0.001 | 0.0514 | -0.001 | 0.0494 |
| 740 | 11.1 | 11 | 0.9999 | 2.2652 | 0.0001 | 3.2652 | -0.001 | 0.0666 | -0.001 | 0.0646 |
| 741 | 11 | 11 | 0.9999 | 2.2657 | 0.0001 | 3.2657 | -0.0004 | 0.0724 | -0.001 | 0.0711 |
| 742 | 11.2 | 11 | 0.9999 | 2.2659 | 0.0001 | 3.2659 | 0 | 0.0776 | -0.001 | 0.0766 |
| 743 | 11.2 | 11 | 1 | 2.2658 | 0.0001 | 3.2659 | 0 | 0.0826 | -0.0006 | 0.082 |
| 744 | 11.3 | 10.9 | 1 | 2.2655 | 0.0002 | 3.2657 | 0 | 0.0848 | -0.0005 | 0.0843 |
| 745 | 10.7 | 10.9 | 0.9999 | 2.2656 | 0.0002 | 3.2657 | -0.001 | 0.0838 | -0.001 | 0.0818 |
| 746 | 10.5 | 10.9 | 0.9999 | 2.2658 | 0.0002 | 3.2659 | -0.0003 | 0.0805 | -0.001 | 0.0792 |
| 747 | 10.4 | 10.9 | 0.9999 | 2.2659 | 0.0002 | 3.266 | -0.0008 | 0.078 | -0.001 | 0.0762 |
| 748 | 10.3 | 10.9 | 0.9999 | 2.2662 | 0.0002 | 3.2663 | -0.0007 | 0.0807 | -0.001 | 0.079 |
| 749 | 11.1 | 11 | 0.9999 | 2.2665 | 0.0002 | 3.2666 | 0 | 0.0799 | -0.001 | 0.0789 |
| 750 | 11.2 | 10.9 | 0.9998 | 2.2669 | 0.0001 | 3.2668 | 0 | 0.0811 | -0.001 | 0.0801 |
| 751 | 10.8 | 10.9 | 0.9997 | 2.2672 | 0.0001 | 3.267 | 0 | 0.0865 | -0.001 | 0.0855 |
| 752 | 10.3 | 10.9 | 0.9997 | 2.2672 | 0.0001 | 3.267 | 0 | 0.0911 | -0.001 | 0.0901 |
| 753 | 10.9 | 10.9 | 0.9997 | 2.2672 | 0.0001 | 3.267 | 0 | 0.0911 | -0.0003 | 0.0908 |
| 754 | 11.1 | 10.9 | 0.9997 | 2.2667 | 0 | 3.2665 | 0 | 0.0896 | 0 | 0.0896 |
| 755 | 10.9 | 10.9 | 0.9998 | 2.266 | 0.0001 | 3.2658 | 0 | 0.0824 | -0.0005 | 0.0819 |
| 756 | 11.1 | 10.9 | 0.9999 | 2.266 | 0.0001 | 3.266 | 0 | 0.0782 | 0 | 0.0782 |
| 757 | 11.4 | 10.9 | 0.9999 | 2.2654 | 0.0001 | 3.2654 | 0 | 0.0788 | 0 | 0.0788 |
| 758 | 11.4 | 10.9 | 0.9998 | 2.2653 | 0.0001 | 3.2652 | 0 | 0.0755 | 0 | 0.0755 |
| 759 | 10.8 | 10.9 | 0.9998 | 2.2653 | 0.0001 | 3.2652 | 0 | 0.0717 | 0.0001 | 0.0717 |
| 760 | 10.7 | 10.9 | 0.9998 | 2.2647 | 0.0001 | 3.2646 | 0 | 0.0652 | 0.0009 | 0.0661 |
| 761 | 11.3 | 10.9 | 0.9998 | 2.2643 | 0.0001 | 3.2642 | 0 | 0.0552 | 0 | 0.0552 |
| 762 | 11.2 | 11 | 0.9998 | 2.2641 | 0 | 3.264 | 0 | 0.0581 | 0 | 0.0581 |
| 763 | 10.9 | 10.9 | 0.9999 | 2.2638 | 0.0001 | 3.2638 | 0 | 0.0618 | 0 | 0.0618 |
| 764 | 11.1 | 10.9 | 0.9999 | 2.2637 | 0.0001 | 3.2637 | 0 | 0.0627 | 0 | 0.0627 |
| 765 | 10.6 | 10.9 | 0.9998 | 2.2638 | 0.0001 | 3.2637 | 0 | 0.0712 | 0 | 0.0712 |
| 766 | 10.5 | 10.9 | 0.9998 | 2.2639 | 0.0001 | 3.2638 | 0 | 0.0679 | 0 | 0.0679 |
| 767 | 10.4 | 10.8 | 0.9999 | 2.264 | 0.0001 | 3.264 | 0.0008 | 0.0634 | 0 | 0.0643 |
| 768 | 11.2 | 10.8 | 0.9999 | 2.2637 | 0.0001 | 3.2637 | 0.0004 | 0.0573 | 0.0008 | 0.0585 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 769 | 10.9 | 10.8 | 0.9999 | 2.2633 | 0.0001 | 3.2633 | 0.001 | 0.0571 | 0.0001 | 0.0582 |
| 770 | 11.2 | 10.8 | 0.9999 | 2.2632 | 0.0001 | 3.2632 | 0.001 | 0.0641 | 0 | 0.0651 |
| 771 | 10.7 | 10.8 | 0.9999 | 2.2631 | 0.0001 | 3.2631 | 0.001 | 0.0616 | 0.001 | 0.0636 |
| 772 | 10.4 | 10.8 | 0.9999 | 2.2632 | 0.0001 | 3.2632 | 0.0006 | 0.061 | 0.001 | 0.0626 |
| 773 | 10.7 | 10.8 | 0.9999 | 2.2631 | 0.0001 | 3.2631 | 0 | 0.055 | 0.001 | 0.056 |
| 774 | 10.7 | 10.8 | 0.9999 | 2.2629 | 0.0001 | 3.2629 | 0.0003 | 0.0572 | 0.001 | 0.0584 |
| 775 | 10.5 | 10.8 | 0.9999 | 2.2631 | 0.0002 | 3.2632 | 0.0006 | 0.0598 | 0.001 | 0.0614 |
| 776 | 10.7 | 10.8 | 0.9999 | 2.2632 | 0.0001 | 3.2631 | 0 | 0.057 | 0.001 | 0.058 |
| 777 | 11 | 10.9 | 0.9998 | 2.2629 | 0.0001 | 3.2628 | 0 | 0.0555 | 0.001 | 0.0565 |
| 778 | 10.8 | 10.9 | 0.9998 | 2.2633 | 0.0001 | 3.2632 | 0 | 0.0599 | 0.001 | 0.0609 |
| 779 | 11 | 10.9 | 0.9998 | 2.2635 | 0.0001 | 3.2634 | -0.0009 | 0.0698 | 0.001 | 0.07 |
| 780 | 10.9 | 10.9 | 0.9999 | 2.2631 | 0.0001 | 3.2631 | -0.001 | 0.0596 | 0.001 | 0.0596 |
| 781 | 10.7 | 10.9 | 0.9999 | 2.2635 | 0.0002 | 3.2636 | 0 | 0.0529 | 0.001 | 0.0539 |
| 782 | 11 | 10.9 | 0.9999 | 2.2631 | 0.0001 | 3.2631 | 0 | 0.0492 | 0.001 | 0.0502 |
| 783 | 10.7 | 11 | 0.9999 | 2.2631 | 0.0002 | 3.2632 | 0 | 0.0518 | 0.001 | 0.0528 |
| 784 | 10.7 | 11 | 1 | 2.2631 | 0.0002 | 3.2633 | 0 | 0.0529 | 0.001 | 0.0539 |
| 785 | 11.1 | 11 | 1 | 2.2633 | 0.0001 | 3.2634 | 0 | 0.0487 | 0.0009 | 0.0497 |
| 786 | 11.3 | 11 | 1 | 2.263 | 0.0001 | 3.2631 | -0.0001 | 0.051 | 0 | 0.0508 |
| 787 | 11.4 | 11 | 1 | 2.2626 | 0.0002 | 3.2628 | -0.001 | 0.0513 | 0 | 0.0503 |
| 788 | 11 | 11 | 1 | 2.2622 | 0.0002 | 3.2624 | -0.0007 | 0.0512 | 0 | 0.0505 |
| 789 | 11.5 | 11 | 1 | 2.2609 | 0.0002 | 3.2611 | 0 | 0.05 | 0 | 0.05 |
| 790 | 11.2 | 11 | 0.9999 | 2.2606 | 0.0002 | 3.2608 | 0 | 0.0502 | 0 | 0.0502 |
| 791 | 10.9 | 11.1 | 0.9999 | 2.2604 | 0.0002 | 3.2605 | 0 | 0.0546 | 0 | 0.0546 |
| 792 | 10.9 | 11.1 | 0.9999 | 2.2605 | 0.0002 | 3.2606 | 0 | 0.0659 | 0 | 0.0659 |
| 793 | 10.9 | 11.1 | 0.9999 | 2.2603 | 0.0002 | 3.2604 | 0 | 0.0733 | 0 | 0.0733 |
| 794 | 11.2 | 11.1 | 1 | 2.2605 | 0.0002 | 3.2607 | 0.0007 | 0.0677 | -0.0009 | 0.0675 |
| 795 | 10.8 | 11.1 | 1 | 2.2606 | 0.0002 | 3.2608 | 0.001 | 0.0586 | 0.0008 | 0.0605 |
| 796 | 10.9 | 11.1 | 1 | 2.2606 | 0.0002 | 3.2608 | 0.001 | 0.0552 | 0.001 | 0.0572 |
| 797 | 11.1 | 11 | 1 | 2.2604 | 0.0002 | 3.2606 | 0 | 0.0516 | 0.001 | 0.0526 |
| 798 | 10.9 | 11 | 0.9999 | 2.2606 | 0.0002 | 3.2607 | 0 | 0.0524 | 0.001 | 0.0534 |
| 799 | 11.5 | 10.9 | 0.9999 | 2.2604 | 0.0002 | 3.2605 | 0 | 0.0585 | 0.001 | 0.0595 |
| 800 | 11.5 | 10.9 | 0.9999 | 2.2601 | 0.0002 | 3.2602 | 0.0004 | 0.0618 | 0.0009 | 0.0631 |
| 801 | 11.2 | 10.9 | 0.9999 | 2.2598 | 0.0002 | 3.2599 | -0.0006 | 0.0636 | 0 | 0.063 |
| 802 | 10.7 | 10.8 | 0.9999 | 2.2594 | 0.0001 | 3.2594 | -0.002 | 0.0654 | 0 | 0.0634 |
| 803 | 11.2 | 10.8 | 0.9999 | 2.2591 | 0.0001 | 3.2591 | -0.002 | 0.0679 | 0 | 0.0659 |
| 804 | 10.8 | 10.7 | 0.9999 | 2.2597 | 0.0002 | 3.2598 | -0.002 | 0.0694 | 0 | 0.0674 |
| 805 | 10.6 | 10.7 | 0.9999 | 2.2597 | 0.0002 | 3.2598 | -0.0013 | 0.0648 | -0.0005 | 0.063 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 806 | 10.6 | 10.6 | 0.9999 | 2.2595 | 0.0002 | 3.2596 | -0.0004 | 0.058 | -0.0004 | 0.0572 |
| 807 | 10.5 | 10.6 | 0.9999 | 2.2598 | 0.0002 | 3.2599 | -0.0002 | 0.0619 | 0 | 0.0617 |
| 808 | 10.6 | 10.6 | 0.9999 | 2.2599 | 0.0002 | 3.26 | 0 | 0.058 | 0 | 0.058 |
| 809 | 10.2 | 10.6 | 0.9999 | 2.2603 | 0.0001 | 3.2603 | 0.0001 | 0.054 | 0 | 0.0541 |
| 810 | 10.3 | 10.6 | 0.9999 | 2.2607 | 0.0002 | 3.2608 | -0.001 | 0.053 | 0 | 0.052 |
| 811 | 9.88 | 10.6 | 0.9999 | 2.2601 | 0.0002 | 3.2602 | -0.001 | 0.0446 | 0 | 0.0436 |
| 812 | 10 | 10.7 | 0.9999 | 2.26 | 0.0002 | 3.2601 | -0.001 | 0.0392 | -0.0002 | 0.038 |
| 813 | 10.2 | 10.7 | 0.9999 | 2.2598 | 0.0002 | 3.2599 | -0.0008 | 0.0356 | -0.0008 | 0.0341 |
| 814 | 10.3 | 10.7 | 0.9999 | 2.2595 | 0.0002 | 3.2596 | 0 | 0.0333 | 0 | 0.0333 |
| 815 | 10.3 | 10.7 | 0.9999 | 2.2597 | 0.0002 | 3.2598 | 0 | 0.0325 | 0 | 0.0325 |
| 816 | 10.3 | 10.8 | 0.9998 | 2.2599 | 0.0002 | 3.2599 | -0.0005 | 0.0366 | 0 | 0.036 |
| 817 | 11 | 10.8 | 0.9999 | 2.2601 | 0.0001 | 3.2601 | -0.001 | 0.0409 | 0 | 0.0399 |
| 818 | 11 | 10.9 | 0.9999 | 2.26 | 0.0002 | 3.2601 | -0.0003 | 0.0452 | 0 | 0.0449 |
| 819 | 11.6 | 10.9 | 0.9999 | 2.2597 | 0.0002 | 3.2598 | 0 | 0.0473 | 0 | 0.0473 |
| 820 | 11.6 | 11 | 0.9999 | 2.2598 | 0.0001 | 3.2598 | 0 | 0.0454 | 0 | 0.0454 |
| 821 | 11.7 | 11.1 | 0.9999 | 2.26 | 0.0001 | 3.26 | 0 | 0.0483 | 0 | 0.0483 |
| 822 | 11.5 | 11.2 | 0.9999 | 2.2605 | 0.0001 | 3.2605 | 0 | 0.0529 | 0 | 0.0529 |
| 823 | 10.9 | 11.2 | 0.9999 | 2.2603 | 0.0001 | 3.2602 | -0.0002 | 0.0588 | 0 | 0.0586 |
| 824 | 11.5 | 11.3 | 0.9998 | 2.2602 | 0.0001 | 3.2602 | -0.0007 | 0.0595 | 0 | 0.0588 |
| 825 | 11.3 | 11.4 | 0.9999 | 2.2606 | 0.0001 | 3.2606 | 0 | 0.0623 | 0.0003 | 0.0626 |
| 826 | 11.4 | 11.4 | 0.9999 | 2.2607 | 0.0001 | 3.2607 | 0 | 0.0647 | 0.0001 | 0.0648 |
| 827 | 11.6 | 11.4 | 0.9999 | 2.2602 | 0.0001 | 3.2602 | 0.0001 | 0.0677 | -0.0004 | 0.0674 |
| 828 | 11.2 | 11.4 | 0.9999 | 2.2596 | 0.0001 | 3.2596 | 0 | 0.0649 | 0 | 0.0649 |
| 829 | 11.2 | 11.3 | 0.9999 | 2.26 | 0.0001 | 3.26 | 0 | 0.0677 | 0 | 0.0677 |
| 830 | 11.9 | 11.3 | 0.9999 | 2.2602 | 0.0001 | 3.2602 | 0 | 0.0725 | 0 | 0.0725 |
| 831 | 12 | 11.3 | 0.9999 | 2.2604 | 0.0001 | 3.2604 | 0.0008 | 0.0751 | 0.0009 | 0.0769 |
| 832 | 11.2 | 11.2 | 0.9999 | 2.2601 | 0.0001 | 3.2601 | 0.001 | 0.0855 | 0.0009 | 0.0875 |
| 833 | 11.5 | 11.2 | 0.9999 | 2.2594 | 0.0001 | 3.2594 | 0.0009 | 0.0794 | 0 | 0.0804 |
| 834 | 11.1 | 11.2 | 0.9999 | 2.2594 | 0.0001 | 3.2594 | 0.0001 | 0.0849 | 0.001 | 0.086 |
| 835 | 11.1 | 11.2 | 0.9999 | 2.2591 | 0.0001 | 3.2591 | 0.001 | 0.0846 | 0.0008 | 0.0864 |
| 836 | 11.1 | 11.2 | 0.9999 | 2.2593 | 0.0001 | 3.2593 | 0.001 | 0.0857 | 0 | 0.0867 |
| 837 | 10.7 | 11.2 | 0.9999 | 2.2595 | 0.0001 | 3.2595 | 0.001 | 0.0803 | 0.0003 | 0.0817 |
| 838 | 10.8 | 11.2 | 0.9999 | 2.2595 | 0.0001 | 3.2595 | 0.001 | 0.0741 | 0.001 | 0.0761 |
| 839 | 11 | 11.2 | 0.9999 | 2.2599 | 0.0001 | 3.2599 | 0.0005 | 0.0669 | 0.001 | 0.0684 |
| 840 | 10.9 | 11.2 | 0.9999 | 2.2597 | 0.0001 | 3.2597 | 0.0006 | 0.0611 | 0.001 | 0.0626 |
| 841 | 11.1 | 11.1 | 0.9999 | 2.2591 | 0.0001 | 3.2591 | 0.0004 | 0.0568 | 0.001 | 0.0581 |
| 842 | 10.8 | 11.1 | 0.9999 | 2.2586 | 0.0001 | 3.2586 | 0 | 0.0585 | 0.0018 | 0.0603 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 843 | 11.1 | 11.1 | 0.9999 | 2.2591 | 0.0002 | 3.2591 | 0 | 0.0606 | 0.002 | 0.0626 |
| 844 | 11.1 | 11.1 | 0.9999 | 2.2596 | 0.0001 | 3.2596 | 0 | 0.0582 | 0.002 | 0.0602 |
| 845 | 11.5 | 11.1 | 0.9998 | 2.2601 | 0.0001 | 3.26 | 0.001 | 0.063 | 0.002 | 0.066 |
| 846 | 11.7 | 11.1 | 0.9999 | 2.2606 | 0.0001 | 3.2606 | 0.001 | 0.0626 | 0.0019 | 0.0654 |
| 847 | 11.3 | 11.1 | 0.9999 | 2.2607 | 0.0001 | 3.2607 | 0.001 | 0.0658 | 0.001 | 0.0678 |
| 848 | 11.1 | 11.2 | 0.9999 | 2.2604 | 0.0001 | 3.2604 | 0.0007 | 0.0615 | 0.001 | 0.0632 |
| 849 | 11.2 | 11.2 | 0.9999 | 2.2603 | 0.0001 | 3.2603 | -0.0004 | 0.0605 | 0.001 | 0.0612 |
| 850 | 10.8 | 11.2 | 0.9998 | 2.2606 | 0.0001 | 3.2605 | -0.001 | 0.0575 | 0.0006 | 0.0571 |
| 851 | 11.1 | 11.2 | 0.9999 | 2.2606 | 0.0001 | 3.2606 | -0.001 | 0.056 | 0 | 0.055 |
| 852 | 11.1 | 11.3 | 0.9999 | 2.2604 | 0.0001 | 3.2604 | -0.0005 | 0.0513 | 0 | 0.0508 |
| 853 | 11.3 | 11.2 | 0.9999 | 2.2602 | 0.0001 | 3.2602 | 0 | 0.0469 | -0.0007 | 0.0462 |
| 854 | 11.1 | 11.2 | 0.9998 | 2.2603 | 0.0001 | 3.2602 | 0.0007 | 0.0448 | -0.001 | 0.0445 |
| 855 | 11.4 | 11.2 | 0.9998 | 2.2602 | 0.0001 | 3.2601 | 0.001 | 0.0504 | -0.0001 | 0.0513 |
| 856 | 11.4 | 11.1 | 0.9999 | 2.2599 | 0.0001 | 3.2598 | 0.0002 | 0.05 | 0 | 0.0503 |
| 857 | 11.2 | 11.1 | 0.9999 | 2.2596 | 0.0001 | 3.2596 | 0 | 0.049 | 0.0008 | 0.0498 |
| 858 | 11.6 | 11.1 | 0.9998 | 2.2599 | 0.0001 | 3.2598 | 0 | 0.0621 | 0.001 | 0.0631 |
| 859 | 11.2 | 11.1 | 0.9999 | 2.26 | 0.0001 | 3.26 | 0 | 0.0602 | 0.0009 | 0.0611 |
| 860 | 11.7 | 11.1 | 0.9999 | 2.2602 | 0.0001 | 3.2602 | 0 | 0.0613 | -0.0008 | 0.0606 |
| 861 | 11 | 11.1 | 0.9999 | 2.2604 | 0.0001 | 3.2604 | 0 | 0.0701 | 0.001 | 0.0711 |
| 862 | 10.6 | 11.1 | 0.9999 | 2.2606 | 0.0001 | 3.2606 | 0 | 0.0625 | 0.001 | 0.0635 |
| 863 | 10.7 | 11.1 | 0.9999 | 2.2605 | 0.0001 | 3.2605 | 0 | 0.0632 | 0.001 | 0.0642 |
| 864 | 10.7 | 11.1 | 0.9999 | 2.2604 | 0.0001 | 3.2604 | 0 | 0.0619 | 0.001 | 0.0629 |
| 865 | 10.5 | 11 | 0.9999 | 2.2601 | 0.0001 | 3.2601 | 0 | 0.0557 | 0.001 | 0.0567 |
| 866 | 11.1 | 11 | 0.9999 | 2.2598 | 0.0001 | 3.2598 | 0.0006 | 0.0547 | 0.001 | 0.0563 |
| 867 | 11.1 | 11 | 0.9999 | 2.2595 | 0.0001 | 3.2595 | -0.0005 | 0.0586 | 0.001 | 0.0591 |
| 868 | 11.1 | 11 | 0.9999 | 2.259 | 0.0001 | 3.259 | -0.0002 | 0.0624 | 0.0002 | 0.0624 |
| 869 | 10.6 | 11 | 0.9999 | 2.2588 | 0.0001 | 3.2588 | 0 | 0.0605 | 0.0009 | 0.0614 |
| 870 | 11.2 | 10.9 | 0.9999 | 2.2584 | 0.0001 | 3.2584 | 0 | 0.0586 | 0.0002 | 0.0588 |
| 871 | 11 | 10.9 | 0.9999 | 2.2578 | 0.0001 | 3.2578 | 0 | 0.0618 | -0.001 | 0.0608 |
| 872 | 11 | 10.9 | 0.9999 | 2.2573 | 0.0001 | 3.2573 | -0.0009 | 0.0664 | -0.001 | 0.0645 |
| 873 | 11.1 | 10.9 | 1 | 2.2572 | 0.0001 | 3.2572 | -0.001 | 0.0805 | -0.001 | 0.0786 |
| 874 | 11 | 10.9 | 0.9999 | 2.2566 | 0.0001 | 3.2566 | -0.0003 | 0.0823 | -0.001 | 0.081 |
| 875 | 10.9 | 10.9 | 0.9999 | 2.2567 | 0.0001 | 3.2567 | -0.0004 | 0.088 | -0.001 | 0.0865 |
| 876 | 11.3 | 10.8 | 0.9998 | 2.2564 | 0.0001 | 3.2564 | 0.0007 | 0.0983 | -0.001 | 0.098 |
| 877 | 10.9 | 10.8 | 0.9998 | 2.2565 | 0.0001 | 3.2564 | 0 | 0.0973 | -0.001 | 0.0963 |
| 878 | 10.7 | 10.8 | 0.9998 | 2.2565 | 0.0001 | 3.2564 | 0 | 0.0882 | -0.001 | 0.0872 |
| 879 | 10.4 | 10.8 | 0.9998 | 2.2563 | 0.0001 | 3.2562 | -0.0005 | 0.0758 | -0.001 | 0.0743 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 880 | 10.6 | 10.8 | 0.9998 | 2.2556 | 0 | 3.2554 | -0.0004 | 0.0766 | -0.001 | 0.0752 |
| 881 | 10.5 | 10.8 | 0.9998 | 2.2549 | 0.0001 | 3.2548 | 0 | 0.079 | -0.001 | 0.078 |
| 882 | 11.1 | 10.8 | 0.9998 | 2.2552 | 0.0001 | 3.2551 | 0 | 0.0838 | -0.001 | 0.0828 |
| 883 | 10.7 | 10.8 | 0.9999 | 2.2546 | 0.0001 | 3.2546 | 0 | 0.0835 | -0.0002 | 0.0833 |
| 884 | 10.4 | 10.8 | 0.9999 | 2.2547 | 0.0001 | 3.2547 | 0 | 0.0816 | -0.0009 | 0.0807 |
| 885 | 10.4 | 10.8 | 0.9999 | 2.2547 | 0.0001 | 3.2547 | -0.001 | 0.0871 | -0.001 | 0.0851 |
| 886 | 10.8 | 10.8 | 0.9999 | 2.255 | 0.0001 | 3.255 | -0.001 | 0.0814 | -0.0009 | 0.0795 |
| 887 | 10.5 | 10.8 | 0.9999 | 2.2552 | 0.0001 | 3.2552 | -0.0008 | 0.0856 | 0 | 0.0848 |
| 888 | 10.4 | 10.8 | 0.9999 | 2.2555 | 0.0001 | 3.2556 | 0 | 0.0929 | 0 | 0.0929 |
| 889 | 10.9 | 10.9 | 0.9999 | 2.2548 | 0.0001 | 3.2549 | 0 | 0.0927 | -0.0004 | 0.0923 |
| 890 | 11 | 10.9 | 0.9999 | 2.2549 | 0.0001 | 3.2549 | 0 | 0.0956 | -0.001 | 0.0946 |
| 891 | 11.2 | 10.9 | 0.9999 | 2.2546 | 0 | 3.2545 | 0 | 0.096 | -0.001 | 0.095 |
| 892 | 11.2 | 10.9 | 0.9999 | 2.2544 | 0 | 3.2543 | 0 | 0.0921 | -0.0004 | 0.0917 |
| 893 | 11.2 | 10.9 | 0.9999 | 2.2545 | 0 | 3.2544 | 0 | 0.087 | 0 | 0.087 |
| 894 | 11.5 | 11 | 0.9999 | 2.2542 | 0 | 3.2541 | 0 | 0.0947 | 0.0001 | 0.0948 |
| 895 | 11.2 | 11 | 0.9999 | 2.2544 | 0 | 3.2543 | 0 | 0.1028 | -0.001 | 0.1018 |
| 896 | 11.2 | 11 | 0.9999 | 2.254 | 0.0001 | 3.254 | -0.0009 | 0.1182 | 0 | 0.1172 |
| 897 | 10.7 | 11 | 0.9999 | 2.2543 | 0.0001 | 3.2543 | 0 | 0.1264 | -0.001 | 0.1255 |
| 898 | 10.8 | 11 | 0.9999 | 2.2545 | 0.0001 | 3.2546 | 0 | 0.1275 | 0 | 0.1275 |
| 899 | 11.2 | 11 | 1 | 2.2546 | 0.0001 | 3.2548 | 0 | 0.1201 | 0 | 0.1201 |
| 900 | 11.3 | 11 | 1 | 2.2545 | 0.0002 | 3.2547 | -0.0007 | 0.1138 | -0.0003 | 0.1127 |
| 901 | 10.9 | 11 | 0.9999 | 2.2546 | 0.0002 | 3.2548 | -0.0012 | 0.1152 | -0.001 | 0.113 |
| 902 | 10.9 | 10.9 | 0.9999 | 2.2547 | 0.0002 | 3.2548 | 0 | 0.1135 | -0.001 | 0.1125 |
| 903 | 11.1 | 10.9 | 0.9998 | 2.2547 | 0.0002 | 3.2547 | 0 | 0.1078 | -0.001 | 0.1068 |
| 904 | 11.1 | 10.9 | 0.9998 | 2.2547 | 0.0002 | 3.2547 | 0 | 0.107 | -0.001 | 0.106 |
| 905 | 10.7 | 10.8 | 0.9999 | 2.2547 | 0.0002 | 3.2548 | -0.0007 | 0.1077 | -0.0003 | 0.1067 |
| 906 | 10.7 | 10.8 | 0.9999 | 2.2546 | 0.0001 | 3.2546 | -0.001 | 0.1097 | -0.0008 | 0.1079 |
| 907 | 10.9 | 10.9 | 0.9999 | 2.2536 | 0.0001 | 3.2536 | -0.0011 | 0.1102 | -0.001 | 0.1082 |
| 908 | 10.5 | 10.9 | 0.9999 | 2.2539 | 0.0001 | 3.2539 | -0.001 | 0.1021 | 0 | 0.1012 |
| 909 | 10.6 | 10.9 | 0.9999 | 2.2541 | 0.0002 | 3.2542 | -0.001 | 0.1109 | -0.0001 | 0.1098 |
| 910 | 10.9 | 10.8 | 0.9999 | 2.2537 | 0.0001 | 3.2537 | -0.001 | 0.1127 | -0.001 | 0.1107 |
| 911 | 10.6 | 10.9 | 0.9999 | 2.2538 | 0.0001 | 3.2538 | -0.001 | 0.1131 | -0.001 | 0.1111 |
| 912 | 10.6 | 10.9 | 0.9999 | 2.2537 | 0.0001 | 3.2537 | -0.001 | 0.1156 | -0.001 | 0.1136 |
| 913 | 10.5 | 10.9 | 0.9999 | 2.2536 | 0.0001 | 3.2536 | -0.001 | 0.1207 | -0.001 | 0.1187 |
| 914 | 10.7 | 10.9 | 0.9999 | 2.2539 | 0.0001 | 3.2539 | -0.001 | 0.1211 | -0.001 | 0.1191 |
| 915 | 11 | 10.9 | 0.9998 | 2.2542 | 0.0001 | 3.2542 | -0.001 | 0.119 | -0.001 | 0.117 |
| 916 | 11.2 | 11 | 0.9999 | 2.254 | 0.0001 | 3.254 | -0.001 | 0.1134 | -0.001 | 0.1114 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 917 | 11.1 | 11 | 0.9999 | 2.2538 | 0.0001 | 3.2538 | -0.001 | 0.1117 | -0.001 | 0.1097 |
| 918 | 10.9 | 11 | 0.9999 | 2.254 | 0.0001 | 3.254 | -0.001 | 0.1154 | -0.001 | 0.1134 |
| 919 | 11.1 | 11 | 0.9999 | 2.2538 | 0.0002 | 3.2539 | -0.001 | 0.1173 | -0.001 | 0.1153 |
| 920 | 11.1 | 11 | 0.9999 | 2.2536 | 0.0002 | 3.2537 | -0.001 | 0.1101 | -0.001 | 0.1081 |
| 921 | 11.1 | 11 | 1 | 2.2533 | 0.0002 | 3.2535 | 0 | 0.1066 | -0.001 | 0.1056 |
| 922 | 12 | 11 | 1 | 2.2525 | 0.0002 | 3.2527 | 0 | 0.1012 | -0.001 | 0.1002 |
| 923 | 11.1 | 11 | 0.9999 | 2.252 | 0.0002 | 3.2521 | 0.0002 | 0.0952 | -0.001 | 0.0944 |
| 924 | 10.9 | 11 | 0.9999 | 2.2514 | 0.0002 | 3.2515 | 0.0007 | 0.0934 | -0.001 | 0.0931 |
| 925 | 11.1 | 11 | 0.9998 | 2.2508 | 0.0002 | 3.2508 | 0 | 0.0868 | -0.001 | 0.0858 |
| 926 | 11.3 | 10.9 | 0.9999 | 2.2509 | 0.0002 | 3.251 | 0 | 0.0872 | -0.0005 | 0.0867 |
| 927 | 10.6 | 10.9 | 0.9999 | 2.2514 | 0.0002 | 3.2515 | -0.0006 | 0.0818 | -0.0002 | 0.081 |
| 928 | 10.5 | 10.8 | 0.9999 | 2.252 | 0.0002 | 3.2521 | -0.001 | 0.0835 | 0 | 0.0825 |
| 929 | 10.6 | 10.8 | 0.9999 | 2.2523 | 0.0002 | 3.2524 | -0.001 | 0.083 | 0 | 0.082 |
| 930 | 10.9 | 10.8 | 0.9999 | 2.2523 | 0.0002 | 3.2524 | -0.001 | 0.0797 | -0.0005 | 0.0782 |
| 931 | 11 | 10.8 | 0.9999 | 2.252 | 0.0002 | 3.2521 | -0.0015 | 0.0718 | -0.0019 | 0.0684 |
| 932 | 10.7 | 10.7 | 0.9999 | 2.2517 | 0.0001 | 3.2518 | -0.002 | 0.063 | -0.001 | 0.0599 |
| 933 | 10.2 | 10.7 | 0.9999 | 2.2513 | 0.0002 | 3.2513 | -0.0019 | 0.0643 | -0.001 | 0.0614 |
| 934 | 10.5 | 10.7 | 1 | 2.2507 | 0.0002 | 3.2509 | -0.001 | 0.0575 | -0.001 | 0.0555 |
| 935 | 10.5 | 10.7 | 1 | 2.251 | 0.0002 | 3.2512 | -0.0002 | 0.062 | -0.001 | 0.0608 |
| 936 | 10.4 | 10.7 | 1 | 2.2508 | 0.0001 | 3.2509 | 0 | 0.0648 | -0.001 | 0.0638 |
| 937 | 10.1 | 10.7 | 0.9999 | 2.2502 | 0.0001 | 3.2502 | 0 | 0.0677 | -0.001 | 0.0667 |
| 938 | 10.5 | 10.8 | 0.9999 | 2.2503 | 0.0001 | 3.2503 | 0 | 0.0729 | -0.001 | 0.0719 |
| 939 | 10.7 | 10.8 | 0.9999 | 2.2504 | 0.0002 | 3.2505 | 0.0005 | 0.0753 | -0.001 | 0.0748 |
| 940 | 11.1 | 10.8 | 0.9999 | 2.2501 | 0.0002 | 3.2502 | 0.0004 | 0.0729 | -0.001 | 0.0723 |
| 941 | 10.9 | 10.8 | 0.9999 | 2.2499 | 0.0001 | 3.2499 | 0 | 0.0801 | -0.001 | 0.0791 |
| 942 | 11.1 | 10.8 | 0.9999 | 2.2499 | 0.0001 | 3.2499 | 0 | 0.0826 | -0.0018 | 0.0809 |
| 943 | 10.8 | 10.9 | 0.9999 | 2.2496 | 0.0002 | 3.2497 | 0 | 0.0794 | -0.002 | 0.0774 |
| 944 | 11 | 10.9 | 0.9999 | 2.2493 | 0.0002 | 3.2494 | 0 | 0.0814 | -0.0016 | 0.0798 |
| 945 | 11.7 | 10.9 | 0.9999 | 2.2482 | 0.0001 | 3.2483 | 0 | 0.0825 | -0.0015 | 0.081 |
| 946 | 10.6 | 10.9 | 0.9999 | 2.248 | 0.0002 | 3.2481 | 0 | 0.0851 | -0.0013 | 0.0838 |
| 947 | 11.1 | 11 | 0.9999 | 2.2479 | 0.0001 | 3.2479 | 0 | 0.0785 | 0 | 0.0785 |
| 948 | 11.5 | 11 | 0.9999 | 2.2484 | 0.0001 | 3.2484 | 0 | 0.0756 | 0 | 0.0756 |
| 949 | 11 | 10.9 | 0.9999 | 2.249 | 0.0001 | 3.249 | 0.0004 | 0.0749 | -0.0008 | 0.0744 |
| 950 | 10.9 | 10.9 | 1 | 2.2491 | 0.0002 | 3.2492 | 0.001 | 0.082 | 0.0003 | 0.0833 |
| 951 | 11.5 | 10.9 | 0.9999 | 2.2493 | 0.0002 | 3.2494 | 0.001 | 0.0814 | 0.001 | 0.0834 |
| 952 | 11.1 | 10.9 | 0.9999 | 2.2496 | 0.0002 | 3.2497 | 0.0005 | 0.0794 | 0.0009 | 0.0807 |
| 953 | 10.8 | 10.9 | 0.9999 | 2.2495 | 0.0002 | 3.2496 | 0 | 0.0801 | 0 | 0.0801 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 954 | 10.8 | 10.9 | 0.9999 | 2.2495 | 0.0001 | 3.2495 | -0.0007 | 0.0822 | 0 | 0.0815 |
| 955 | 10.6 | 10.9 | 0.9999 | 2.2493 | 0.0002 | 3.2493 | -0.001 | 0.0806 | 0.0004 | 0.08 |
| 956 | 11 | 10.9 | 1 | 2.2488 | 0.0002 | 3.249 | -0.0002 | 0.0876 | 0.0006 | 0.0879 |
| 957 | 10.9 | 10.9 | 1 | 2.2494 | 0.0001 | 3.2495 | 0 | 0.0928 | -0.0003 | 0.0925 |
| 958 | 9.72 | 10.9 | 0.9999 | 2.2488 | 0.0001 | 3.2488 | 0 | 0.0845 | 0 | 0.0845 |
| 959 | 10.7 | 10.9 | 1 | 2.2487 | 0.0002 | 3.2489 | 0 | 0.088 | -0.0007 | 0.0873 |
| 960 | 10.5 | 10.9 | 1 | 2.2489 | 0.0002 | 3.2491 | 0 | 0.0897 | -0.0001 | 0.0896 |
| 961 | 11 | 10.9 | 1 | 2.2488 | 0.0002 | 3.249 | 0 | 0.0828 | -0.001 | 0.0818 |
| 962 | 11.3 | 10.9 | 1 | 2.2485 | 0.0002 | 3.2487 | 0 | 0.0836 | -0.0001 | 0.0835 |
| 963 | 11.2 | 10.9 | 1 | 2.2484 | 0.0002 | 3.2486 | 0 | 0.0836 | -0.001 | 0.0826 |
| 964 | 11.2 | 10.9 | 1 | 2.2485 | 0.0002 | 3.2487 | 0 | 0.0833 | -0.001 | 0.0823 |
| 965 | 10.7 | 10.9 | 1 | 2.2488 | 0.0002 | 3.249 | 0 | 0.0842 | -0.001 | 0.0832 |
| 966 | 11 | 11 | 1 | 2.2487 | 0.0002 | 3.2489 | -0.0006 | 0.0917 | -0.001 | 0.09 |
| 967 | 11 | 11 | 1 | 2.2479 | 0.0002 | 3.2481 | -0.0003 | 0.0932 | -0.001 | 0.0919 |
| 968 | 11.1 | 11.1 | 1 | 2.2472 | 0.0002 | 3.2474 | 0 | 0.089 | -0.001 | 0.088 |
| 969 | 11.7 | 11.2 | 1 | 2.2478 | 0.0002 | 3.248 | 0.0004 | 0.0865 | -0.001 | 0.0858 |
| 970 | 10.6 | 11.2 | 0.9999 | 2.2477 | 0.0002 | 3.2478 | 0.001 | 0.0903 | -0.0002 | 0.0911 |
| 971 | 11 | 11.3 | 0.9999 | 2.2477 | 0.0002 | 3.2478 | 0.001 | 0.0898 | 0 | 0.0908 |
| 972 | 11 | 11.3 | 0.9999 | 2.2478 | 0.0002 | 3.2479 | 0.0019 | 0.0888 | 0 | 0.0907 |
| 973 | 10.8 | 11.3 | 0.9999 | 2.2478 | 0.0002 | 3.2479 | 0.002 | 0.0841 | 0 | 0.0861 |
| 974 | 11.4 | 11.3 | 0.9999 | 2.248 | 0.0002 | 3.2481 | 0.001 | 0.0836 | 0 | 0.0846 |
| 975 | 11.6 | 11.4 | 0.9999 | 2.2479 | 0.0002 | 3.248 | 0.0008 | 0.0793 | 0 | 0.0801 |
| 976 | 11.8 | 11.4 | 0.9999 | 2.2482 | 0.0002 | 3.2483 | -0.0007 | 0.0769 | 0 | 0.0762 |
| 977 | 11.4 | 11.4 | 0.9999 | 2.2481 | 0.0001 | 3.2481 | 0 | 0.0745 | 0 | 0.0745 |
| 978 | 11.9 | 11.4 | 0.9999 | 2.2482 | 0.0001 | 3.2482 | 0 | 0.0802 | 0 | 0.0802 |
| 979 | 11.9 | 11.4 | 0.9999 | 2.2483 | 0.0001 | 3.2483 | 0.0005 | 0.0876 | 0.0003 | 0.0883 |
| 980 | 11.9 | 11.4 | 1 | 2.2484 | 0.0002 | 3.2485 | 0.0004 | 0.0914 | 0.001 | 0.0928 |
| 981 | 11.5 | 11.5 | 1 | 2.2486 | 0.0002 | 3.2488 | 0 | 0.094 | 0.001 | 0.095 |
| 982 | 11.3 | 11.5 | 1 | 2.2487 | 0.0002 | 3.2489 | 0 | 0.0941 | 0.0005 | 0.0946 |
| 983 | 11.2 | 11.5 | 1 | 2.2489 | 0.0002 | 3.2491 | 0 | 0.0944 | -0.0002 | 0.0942 |
| 984 | 11.5 | 11.5 | 0.9999 | 2.2485 | 0.0002 | 3.2486 | 0 | 0.0895 | 0.0009 | 0.0904 |
| 985 | 11 | 11.4 | 0.9999 | 2.2482 | 0.0002 | 3.2483 | 0.001 | 0.0825 | 0.001 | 0.0845 |
| 986 | 12.1 | 11.4 | 0.9999 | 2.2482 | 0.0002 | 3.2483 | 0.001 | 0.0883 | 0.0009 | 0.0902 |
| 987 | 11.3 | 11.3 | 0.9999 | 2.2479 | 0.0002 | 3.248 | 0.0008 | 0.0951 | 0 | 0.096 |
| 988 | 11.4 | 11.3 | 0.9999 | 2.248 | 0.0002 | 3.2481 | 0 | 0.0889 | -0.001 | 0.0879 |
| 989 | 11.4 | 11.2 | 0.9999 | 2.2475 | 0.0002 | 3.2476 | 0 | 0.084 | 0.0004 | 0.0844 |
| 990 | 11.2 | 11.2 | 0.9999 | 2.2469 | 0.0002 | 3.247 | 0 | 0.0883 | 0.001 | 0.0893 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 991 | 11 | 11.1 | 0.9999 | 2.2463 | 0.0002 | 3.2464 | 0 | 0.0883 | 0.001 | 0.0893 |
| 992 | 11.4 | 11.1 | 0.9999 | 2.2465 | 0.0002 | 3.2466 | 0 | 0.0813 | 0 | 0.0813 |
| 993 | 11 | 11.1 | 0.9999 | 2.2464 | 0.0002 | 3.2464 | 0 | 0.0792 | -0.001 | 0.0782 |
| 994 | 10.9 | 11.1 | 0.9999 | 2.246 | 0.0001 | 3.246 | 0 | 0.0763 | -0.0002 | 0.0761 |
| 995 | 10.9 | 11.1 | 0.9999 | 2.2458 | 0.0001 | 3.2459 | 0 | 0.0777 | 0.0006 | 0.0783 |
| 996 | 10.6 | 11.1 | 0.9999 | 2.2462 | 0.0001 | 3.2462 | 0 | 0.0666 | 0 | 0.0666 |
| 997 | 10.7 | 11.1 | 0.9999 | 2.2467 | 0.0001 | 3.2467 | 0 | 0.0675 | 0.001 | 0.0684 |
| 998 | 10.9 | 11 | 0.9999 | 2.2471 | 0.0002 | 3.2471 | 0 | 0.0725 | 0 | 0.0725 |
| 999 | 11 | 11 | 0.9999 | 2.2464 | 0.0001 | 3.2465 | 0 | 0.0802 | 0 | 0.0802 |
| 1000 | 10.8 | 11 | 0.9999 | 2.2464 | 0.0001 | 3.2464 | 0.0003 | 0.0857 | -0.0007 | 0.0853 |
| 1001 | 11.2 | 11.1 | 0.9999 | 2.2467 | 0.0001 | 3.2467 | 0.0006 | 0.0796 | 0 | 0.0802 |
| 1002 | 11.3 | 11.1 | 0.9999 | 2.2467 | 0.0002 | 3.2468 | 0.0001 | 0.0809 | 0 | 0.081 |
| 1003 | 10.8 | 11.1 | 0.9999 | 2.2464 | 0.0002 | 3.2465 | 0.0008 | 0.0853 | 0.0002 | 0.0863 |
| 1004 | 11.2 | 11.1 | 0.9999 | 2.2466 | 0.0002 | 3.2467 | 0.0003 | 0.0908 | 0.001 | 0.0921 |
| 1005 | 11.4 | 11.1 | 0.9999 | 2.2459 | 0.0001 | 3.246 | 0.0006 | 0.0922 | -0.0001 | 0.0928 |
| 1006 | 11.1 | 11.1 | 0.9999 | 2.2453 | 0.0001 | 3.2454 | 0.0004 | 0.0882 | 0.0003 | 0.0889 |
| 1007 | 11.1 | 11.2 | 0.9999 | 2.2451 | 0.0001 | 3.2451 | 0.0019 | 0.0854 | 0.001 | 0.0883 |
| 1008 | 11.3 | 11.2 | 0.9999 | 2.2451 | 0.0002 | 3.2452 | 0.0015 | 0.09 | 0 | 0.0915 |
| 1009 | 11.1 | 11.2 | 0.9999 | 2.2452 | 0.0002 | 3.2453 | 0.0001 | 0.0887 | 0.0001 | 0.0889 |
| 1010 | 11.6 | 11.2 | 0.9999 | 2.2454 | 0.0002 | 3.2455 | 0.001 | 0.0951 | 0.001 | 0.0971 |
| 1011 | 11.5 | 11.2 | 0.9999 | 2.2455 | 0.0001 | 3.2455 | 0.001 | 0.0977 | 0.001 | 0.0997 |
| 1012 | 11 | 11.2 | 0.9999 | 2.2453 | 0.0002 | 3.2454 | 0.001 | 0.096 | 0.001 | 0.098 |
| 1013 | 10.8 | 11.2 | 0.9999 | 2.2453 | 0.0002 | 3.2454 | 0.0018 | 0.0888 | 0.001 | 0.0916 |
| 1014 | 11.3 | 11.2 | 0.9999 | 2.2455 | 0.0002 | 3.2456 | 0.002 | 0.0878 | 0.001 | 0.0908 |
| 1015 | 11.6 | 11.2 | 0.9999 | 2.2451 | 0.0002 | 3.2452 | 0.002 | 0.0925 | 0.001 | 0.0955 |
| 1016 | 11 | 11.2 | 0.9999 | 2.2447 | 0.0002 | 3.2448 | 0.002 | 0.0949 | 0.001 | 0.0979 |
| 1017 | 11.4 | 11.2 | 0.9999 | 2.2449 | 0.0002 | 3.245 | 0.0018 | 0.0969 | 0.001 | 0.0997 |
| 1018 | 11.2 | 11.2 | 0.9999 | 2.2453 | 0.0002 | 3.2454 | 0.0013 | 0.0851 | 0.001 | 0.0873 |
| 1019 | 11.1 | 11.2 | 0.9998 | 2.2448 | 0.0002 | 3.2448 | 0.002 | 0.075 | 0.001 | 0.078 |
| 1020 | 11 | 11.2 | 0.9998 | 2.2447 | 0.0002 | 3.2447 | 0.002 | 0.0802 | 0.001 | 0.0832 |
| 1021 | 11.3 | 11.2 | 0.9998 | 2.2444 | 0.0002 | 3.2444 | 0.001 | 0.0783 | 0.001 | 0.0803 |
| 1022 | 11.2 | 11.2 | 0.9998 | 2.2441 | 0.0002 | 3.2441 | 0.0005 | 0.0826 | 0.001 | 0.0841 |
| 1023 | 11.3 | 11.2 | 0.9998 | 2.2437 | 0.0002 | 3.2437 | 0 | 0.0912 | 0.001 | 0.0922 |
| 1024 | 11.4 | 11.1 | 0.9998 | 2.2435 | 0.0002 | 3.2435 | 0 | 0.0986 | 0.001 | 0.0996 |
| 1025 | 10.9 | 11.1 | 0.9999 | 2.2431 | 0.0002 | 3.2432 | 0 | 0.1004 | 0.001 | 0.1014 |
| 1026 | 11.5 | 11.1 | 0.9999 | 2.2435 | 0.0002 | 3.2436 | 0 | 0.1034 | 0.001 | 0.1044 |
| 1027 | 11.4 | 11.1 | 0.9999 | 2.2434 | 0.0002 | 3.2435 | 0 | 0.1141 | 0.0007 | 0.1147 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1028 | 10.8 | 11 | 0.9999 | 2.2432 | 0.0002 | 3.2433 | 0 | 0.1118 | 0 | 0.1118 |
| 1029 | 10.8 | 11 | 0.9999 | 2.2432 | 0.0001 | 3.2432 | 0 | 0.1123 | 0 | 0.1123 |
| 1030 | 10.9 | 11 | 0.9999 | 2.2429 | 0.0001 | 3.2429 | 0 | 0.1158 | 0.0005 | 0.1163 |
| 1031 | 10.9 | 11 | 0.9999 | 2.2426 | 0.0002 | 3.2426 | 0.0005 | 0.1149 | 0.001 | 0.1165 |
| 1032 | 10.9 | 11 | 0.9999 | 2.2423 | 0.0001 | 3.2423 | 0.001 | 0.1176 | 0.001 | 0.1196 |
| 1033 | 11.1 | 11 | 0.9999 | 2.2423 | 0.0001 | 3.2423 | 0.001 | 0.1213 | 0.0009 | 0.1231 |
| 1034 | 10.7 | 11 | 0.9999 | 2.2425 | 0.0001 | 3.2425 | 0.001 | 0.1217 | 0.0002 | 0.1229 |
| 1035 | 11 | 11 | 0.9999 | 2.2422 | 0.0001 | 3.2422 | 0.0002 | 0.1126 | 0.0007 | 0.1134 |
| 1036 | 10.6 | 10.9 | 0.9999 | 2.2413 | 0.0001 | 3.2413 | 0 | 0.1052 | 0 | 0.1052 |
| 1037 | 10.8 | 10.9 | 0.9999 | 2.2413 | 0.0002 | 3.2414 | 0 | 0.1026 | 0 | 0.1026 |
| 1038 | 10.9 | 11 | 0.9999 | 2.2419 | 0.0001 | 3.2419 | 0 | 0.0976 | 0 | 0.0976 |
| 1039 | 10.8 | 10.9 | 0.9999 | 2.2415 | 0.0001 | 3.2415 | -0.0006 | 0.1013 | 0 | 0.1007 |
| 1040 | 11 | 10.9 | 0.9999 | 2.2413 | 0.0001 | 3.2413 | -0.001 | 0.0975 | 0 | 0.0965 |
| 1041 | 11 | 11 | 0.9999 | 2.2417 | 0.0001 | 3.2418 | -0.0002 | 0.0953 | 0 | 0.0951 |
| 1042 | 11.3 | 11 | 0.9999 | 2.242 | 0.0002 | 3.2421 | 0 | 0.0876 | 0 | 0.0876 |
| 1043 | 11.1 | 11 | 0.9999 | 2.242 | 0.0002 | 3.2421 | 0 | 0.0886 | 0 | 0.0886 |
| 1044 | 10.5 | 11 | 0.9999 | 2.2416 | 0.0001 | 3.2416 | 0 | 0.0966 | -0.0004 | 0.0962 |
| 1045 | 11.3 | 11 | 0.9999 | 2.2416 | 0.0001 | 3.2416 | 0.0009 | 0.0924 | -0.0005 | 0.0927 |
| 1046 | 11 | 11.1 | 0.9999 | 2.2412 | 0.0001 | 3.2412 | 0 | 0.0913 | -0.0006 | 0.0908 |
| 1047 | 11.5 | 11.1 | 0.9999 | 2.2407 | 0.0001 | 3.2407 | 0 | 0.098 | -0.001 | 0.097 |
| 1048 | 10.5 | 11.1 | 0.9999 | 2.2403 | 0.0001 | 3.2403 | 0.0002 | 0.0988 | -0.0008 | 0.0982 |
| 1049 | 10.7 | 11.1 | 0.9999 | 2.2404 | 0.0002 | 3.2405 | 0.0007 | 0.1029 | 0.0008 | 0.1045 |
| 1050 | 11.7 | 11.2 | 0.9999 | 2.2411 | 0.0002 | 3.2412 | 0 | 0.1016 | 0.0001 | 0.1016 |
| 1051 | 11.3 | 11.2 | 0.9999 | 2.2412 | 0.0002 | 3.2413 | 0 | 0.103 | 0 | 0.103 |
| 1052 | 11.1 | 11.2 | 0.9998 | 2.2411 | 0.0002 | 3.2411 | 0 | 0.1077 | 0.0001 | 0.1078 |
| 1053 | 11.1 | 11.2 | 0.9999 | 2.2405 | 0.0001 | 3.2404 | 0 | 0.1097 | 0.001 | 0.1107 |
| 1054 | 11.4 | 11.2 | 0.9998 | 2.2403 | 0.0001 | 3.2403 | 0 | 0.1123 | 0.001 | 0.1133 |
| 1055 | 11.2 | 11.2 | 0.9999 | 2.2404 | 0.0002 | 3.2404 | 0 | 0.1138 | 0.0006 | 0.1144 |
| 1056 | 11.4 | 11.2 | 0.9998 | 2.2403 | 0.0001 | 3.2402 | 0 | 0.1091 | -0.0004 | 0.1087 |
| 1057 | 11.3 | 11.2 | 0.9999 | 2.2404 | 0.0001 | 3.2404 | 0 | 0.1015 | 0.0004 | 0.1019 |
| 1058 | 11.3 | 11.3 | 0.9999 | 2.2399 | 0.0001 | 3.2399 | 0 | 0.0982 | 0 | 0.0982 |
| 1059 | 11.4 | 11.3 | 0.9999 | 2.2392 | 0.0001 | 3.2392 | 0 | 0.0957 | 0.0007 | 0.0964 |
| 1060 | 11.2 | 11.3 | 0.9999 | 2.2391 | 0.0001 | 3.2391 | 0 | 0.1072 | 0.001 | 0.1082 |
| 1061 | 11.4 | 11.3 | 0.9999 | 2.2392 | 0.0001 | 3.2392 | 0 | 0.1074 | 0.001 | 0.1084 |
| 1062 | 11.9 | 11.3 | 0.9998 | 2.2396 | 0.0001 | 3.2395 | 0 | 0.11 | 0.0001 | 0.1101 |
| 1063 | 10.8 | 11.3 | 0.9998 | 2.2396 | 0.0001 | 3.2395 | 0.0004 | 0.108 | 0.0006 | 0.109 |
| 1064 | 11.4 | 11.3 | 0.9998 | 2.2393 | 0.0001 | 3.2392 | 0.0005 | 0.1097 | 0 | 0.1103 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1065 | 11 | 11.3 | 0.9998 | 2.2393 | 0.0001 | 3.2392 | 0.0005 | 0.1104 | 0.0005 | 0.1115 |
| 1066 | 11.5 | 11.4 | 0.9998 | 2.239 | 0.0001 | 3.2389 | 0.0004 | 0.1041 | 0.0004 | 0.1048 |
| 1067 | 11.1 | 11.4 | 0.9999 | 2.2394 | 0.0001 | 3.2394 | 0.0006 | 0.1041 | 0.0006 | 0.1054 |
| 1068 | 11.2 | 11.4 | 0.9998 | 2.2397 | 0.0001 | 3.2396 | 0.001 | 0.1114 | 0.001 | 0.1134 |
| 1069 | 11.4 | 11.4 | 0.9998 | 2.2398 | 0.0001 | 3.2397 | 0.0006 | 0.1169 | 0.001 | 0.1185 |
| 1070 | 11.5 | 11.3 | 0.9998 | 2.2399 | 0.0001 | 3.2398 | 0 | 0.1096 | 0.001 | 0.1106 |
| 1071 | 11.5 | 11.3 | 0.9999 | 2.2394 | 0.0001 | 3.2394 | 0 | 0.1123 | 0.001 | 0.1133 |
| 1072 | 11.4 | 11.2 | 0.9999 | 2.2387 | 0.0001 | 3.2387 | 0 | 0.1105 | 0 | 0.1105 |
| 1073 | 11.2 | 11.2 | 0.9999 | 2.238 | 0.0001 | 3.238 | 0 | 0.1126 | 0 | 0.1126 |
| 1074 | 11.6 | 11.2 | 0.9999 | 2.2379 | 0.0001 | 3.2379 | 0 | 0.1073 | 0 | 0.1073 |
| 1075 | 11.9 | 11.2 | 0.9999 | 2.2376 | 0.0001 | 3.2376 | -0.0003 | 0.1076 | 0 | 0.1073 |
| 1076 | 11.4 | 11.1 | 0.9999 | 2.2368 | 0.0001 | 3.2368 | 0.0003 | 0.1021 | 0 | 0.1024 |
| 1077 | 11.1 | 11.1 | 0.9999 | 2.2369 | 0.0001 | 3.2369 | 0.001 | 0.1055 | 0.0004 | 0.1069 |
| 1078 | 11.4 | 11.1 | 0.9999 | 2.237 | 0.0001 | 3.237 | 0.001 | 0.1052 | 0.001 | 0.1072 |
| 1079 | 10.8 | 11 | 0.9999 | 2.2367 | 0.0001 | 3.2367 | 0.001 | 0.1035 | 0.0007 | 0.1052 |
| 1080 | 10.6 | 11 | 0.9999 | 2.2369 | 0.0001 | 3.2369 | 0.001 | 0.1023 | 0 | 0.1033 |
| 1081 | 10.8 | 10.9 | 0.9999 | 2.2369 | 0.0001 | 3.2369 | 0.001 | 0.0993 | 0 | 0.1003 |
| 1082 | 10.5 | 10.9 | 0.9999 | 2.2366 | 0.0001 | 3.2366 | 0.001 | 0.0967 | 0.0005 | 0.0982 |
| 1083 | 10.9 | 10.9 | 0.9999 | 2.2367 | 0.0002 | 3.2368 | 0.001 | 0.0947 | 0.0004 | 0.0961 |
| 1084 | 11 | 10.9 | 0.9999 | 2.2372 | 0.0001 | 3.2373 | 0.001 | 0.0958 | 0 | 0.0968 |
| 1085 | 10.4 | 10.9 | 0.9999 | 2.2377 | 0.0002 | 3.2378 | 0.0001 | 0.0993 | 0 | 0.0994 |
| 1086 | 10.3 | 10.8 | 0.9999 | 2.2379 | 0.0002 | 3.238 | 0 | 0.0976 | 0 | 0.0976 |
| 1087 | 10.5 | 10.8 | 0.9999 | 2.2381 | 0.0002 | 3.2382 | 0.001 | 0.0877 | 0 | 0.0887 |
| 1088 | 10.6 | 10.8 | 1 | 2.2378 | 0.0002 | 3.238 | 0.001 | 0.0896 | 0.001 | 0.0915 |
| 1089 | 10.5 | 10.9 | 1 | 2.2378 | 0.0002 | 3.238 | 0.001 | 0.1068 | 0 | 0.1078 |
| 1090 | 10.4 | 10.9 | 0.9999 | 2.2374 | 0.0002 | 3.2375 | 0.0008 | 0.1037 | 0 | 0.1045 |
| 1091 | 10.8 | 11 | 0.9999 | 2.2376 | 0.0002 | 3.2377 | 0 | 0.1018 | 0 | 0.1018 |
| 1092 | 11 | 11 | 0.9999 | 2.2376 | 0.0002 | 3.2377 | 0 | 0.114 | 0.0004 | 0.1144 |
| 1093 | 11.6 | 11 | 0.9999 | 2.2367 | 0.0002 | 3.2368 | 0.0005 | 0.1157 | 0.001 | 0.1171 |
| 1094 | 11.6 | 11.1 | 0.9998 | 2.2367 | 0.0002 | 3.2367 | 0.001 | 0.1105 | 0.001 | 0.1125 |
| 1095 | 11.3 | 11.1 | 0.9999 | 2.2367 | 0.0002 | 3.2368 | 0.001 | 0.1001 | 0.0004 | 0.1015 |
| 1096 | 11.1 | 11.2 | 0.9999 | 2.2364 | 0.0002 | 3.2365 | 0.001 | 0.0924 | 0 | 0.0934 |
| 1097 | 11.3 | 11.2 | 0.9999 | 2.2368 | 0.0002 | 3.2369 | 0.001 | 0.0865 | 0 | 0.0875 |
| 1098 | 11.3 | 11.3 | 0.9998 | 2.2368 | 0.0001 | 3.2367 | 0.001 | 0.0849 | 0 | 0.0859 |
| 1099 | 12 | 11.3 | 0.9999 | 2.2363 | 0.0001 | 3.2363 | 0.001 | 0.085 | 0.0009 | 0.0869 |
| 1100 | 11.9 | 11.4 | 0.9999 | 2.2361 | 0.0001 | 3.2361 | 0.001 | 0.085 | 0.001 | 0.087 |
| 1101 | 11.5 | 11.4 | 0.9999 | 2.2359 | 0.0001 | 3.2359 | 0.0009 | 0.0947 | 0.002 | 0.0976 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1102 | 10.8 | 11.4 | 0.9999 | 2.2357 | 0.0001 | 3.2357 | 0 | 0.0923 | 0.002 | 0.0943 |
| 1103 | 11.4 | 11.4 | 0.9999 | 2.2352 | 0.0001 | 3.2352 | 0 | 0.0921 | 0.0018 | 0.0939 |
| 1104 | 11.7 | 11.4 | 0.9999 | 2.2352 | 0.0001 | 3.2352 | -0.0003 | 0.0815 | 0.001 | 0.0822 |
| 1105 | 12 | 11.4 | 0.9999 | 2.235 | 0.0002 | 3.2351 | -0.0003 | 0.0775 | 0.001 | 0.0782 |
| 1106 | 11 | 11.4 | 0.9999 | 2.2352 | 0.0001 | 3.2352 | 0.0006 | 0.0803 | 0.0006 | 0.0815 |
| 1107 | 11.6 | 11.4 | 0.9999 | 2.2353 | 0.0001 | 3.2353 | 0 | 0.0813 | 0 | 0.0813 |
| 1108 | 10.5 | 11.4 | 0.9999 | 2.2355 | 0.0001 | 3.2355 | 0 | 0.0845 | 0 | 0.0845 |
| 1109 | 11.3 | 11.4 | 0.9999 | 2.2345 | 0.0001 | 3.2345 | 0 | 0.0763 | 0 | 0.0763 |
| 1110 | 10.8 | 11.3 | 0.9999 | 2.2346 | 0.0001 | 3.2346 | 0 | 0.0686 | 0 | 0.0686 |
| 1111 | 11.3 | 11.3 | 0.9999 | 2.2345 | 0.0001 | 3.2345 | 0 | 0.0683 | 0 | 0.0683 |
| 1112 | 11.8 | 11.4 | 0.9999 | 2.2345 | 0.0001 | 3.2345 | 0 | 0.0649 | -0.0008 | 0.064 |
| 1113 | 11.7 | 11.4 | 0.9998 | 2.2343 | 0.0002 | 3.2344 | -0.0008 | 0.0636 | -0.0001 | 0.0627 |
| 1114 | 11.7 | 11.4 | 0.9998 | 2.2344 | 0.0001 | 3.2344 | -0.001 | 0.0641 | -0.001 | 0.0621 |
| 1115 | 11.2 | 11.3 | 0.9999 | 2.2346 | 0.0002 | 3.2347 | -0.001 | 0.0621 | -0.001 | 0.0601 |
| 1116 | 11 | 11.3 | 0.9998 | 2.2343 | 0.0001 | 3.2343 | -0.0011 | 0.0632 | -0.001 | 0.061 |
| 1117 | 11.5 | 11.2 | 0.9998 | 2.2338 | 0.0001 | 3.2337 | -0.0018 | 0.0577 | -0.001 | 0.0548 |
| 1118 | 11.3 | 11.3 | 0.9998 | 2.2336 | 0.0001 | 3.2335 | -0.001 | 0.0635 | -0.001 | 0.0615 |
| 1119 | 11.2 | 11.2 | 0.9998 | 2.2339 | 0.0001 | 3.2338 | -0.001 | 0.0694 | -0.001 | 0.0674 |
| 1120 | 11.5 | 11.2 | 0.9998 | 2.2334 | 0.0001 | 3.2333 | -0.001 | 0.0707 | -0.001 | 0.0687 |
| 1121 | 11.3 | 11.2 | 0.9998 | 2.2334 | 0.0002 | 3.2334 | -0.0015 | 0.0713 | -0.001 | 0.0687 |
| 1122 | 11.5 | 11.2 | 0.9998 | 2.2328 | 0.0002 | 3.2328 | -0.0015 | 0.0676 | -0.001 | 0.0651 |
| 1123 | 11.4 | 11.2 | 0.9998 | 2.2329 | 0.0002 | 3.2329 | -0.001 | 0.0599 | -0.001 | 0.0579 |
| 1124 | 11 | 11.2 | 0.9998 | 2.2328 | 0.0002 | 3.2328 | -0.0003 | 0.053 | -0.001 | 0.0518 |
| 1125 | 10.5 | 11.3 | 0.9999 | 2.2329 | 0.0002 | 3.233 | 0 | 0.0524 | -0.001 | 0.0514 |
| 1126 | 10.9 | 11.3 | 0.9998 | 2.2329 | 0.0002 | 3.2329 | 0 | 0.0534 | -0.001 | 0.0524 |
| 1127 | 10.9 | 11.3 | 0.9998 | 2.2328 | 0.0001 | 3.2327 | 0 | 0.0449 | -0.001 | 0.0439 |
| 1128 | 10.8 | 11.3 | 0.9998 | 2.2329 | 0.0001 | 3.2328 | -0.001 | 0.0523 | -0.001 | 0.0503 |
| 1129 | 10.8 | 11.3 | 0.9998 | 2.2329 | 0.0001 | 3.2328 | -0.0008 | 0.0536 | -0.001 | 0.0518 |
| 1130 | 10.9 | 11.3 | 0.9998 | 2.233 | 0.0001 | 3.2329 | 0 | 0.0538 | -0.001 | 0.0528 |
| 1131 | 12.2 | 11.3 | 0.9998 | 2.2329 | 0.0001 | 3.2328 | 0 | 0.056 | -0.001 | 0.055 |
| 1132 | 11.6 | 11.3 | 0.9998 | 2.2328 | 0.0001 | 3.2327 | 0 | 0.0591 | -0.001 | 0.0581 |
| 1133 | 11.7 | 11.3 | 0.9998 | 2.2327 | 0.0001 | 3.2326 | 0 | 0.0589 | -0.0009 | 0.0581 |
| 1134 | 12.1 | 11.3 | 0.9999 | 2.2325 | 0.0001 | 3.2325 | 0 | 0.0631 | -0.0002 | 0.0629 |
| 1135 | 11.5 | 11.3 | 0.9999 | 2.2324 | 0.0001 | 3.2324 | 0 | 0.0724 | -0.0002 | 0.0722 |
| 1136 | 11.7 | 11.4 | 0.9998 | 2.2325 | 0.0001 | 3.2324 | 0 | 0.08 | 0.001 | 0.081 |
| 1137 | 11.5 | 11.4 | 0.9998 | 2.2324 | 0.0001 | 3.2323 | -0.0006 | 0.083 | 0.001 | 0.0834 |
| 1138 | 11.3 | 11.4 | 0.9998 | 2.2312 | 0.0001 | 3.2311 | -0.001 | 0.0899 | 0.001 | 0.0899 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1139 | 11.1 | 11.4 | 0.9998 | 2.2312 | 0.0001 | 3.2311 | 0.0004 | 0.0931 | 0.001 | 0.0944 |
| 1140 | 11.5 | 11.4 | 0.9999 | 2.2311 | 0.0001 | 3.2311 | 0.001 | 0.0945 | 0.001 | 0.0965 |
| 1141 | 11.5 | 11.4 | 0.9999 | 2.2303 | 0.0001 | 3.2303 | 0.0002 | 0.0928 | 0.001 | 0.094 |
| 1142 | 10.9 | 11.3 | 0.9999 | 2.2304 | 0.0001 | 3.2303 | 0 | 0.0946 | 0.001 | 0.0956 |
| 1143 | 10.8 | 11.3 | 0.9998 | 2.2309 | 0.0001 | 3.2308 | 0 | 0.0938 | 0.001 | 0.0948 |
| 1144 | 11.7 | 11.3 | 0.9998 | 2.2315 | 0.0001 | 3.2314 | 0 | 0.0832 | 0.001 | 0.0841 |
| 1145 | 11.6 | 11.3 | 0.9998 | 2.2323 | 0.0001 | 3.2322 | -0.0009 | 0.0853 | 0.001 | 0.0854 |
| 1146 | 11.1 | 11.3 | 0.9998 | 2.2326 | 0.0001 | 3.2325 | 0 | 0.0884 | 0.001 | 0.0894 |
| 1147 | 11.2 | 11.3 | 0.9998 | 2.2322 | 0.0001 | 3.2321 | 0.0003 | 0.0832 | 0.001 | 0.0845 |
| 1148 | 11.1 | 11.3 | 0.9998 | 2.2318 | 0 | 3.2316 | 0.0008 | 0.0882 | 0.0008 | 0.0898 |
| 1149 | 11 | 11.3 | 0.9998 | 2.2319 | 0.0001 | 3.2318 | 0.0003 | 0.0885 | 0 | 0.0888 |
| 1150 | 10.9 | 11.4 | 0.9998 | 2.2316 | 0 | 3.2314 | 0.0004 | 0.0871 | 0 | 0.0875 |
| 1151 | 11 | 11.4 | 0.9999 | 2.232 | 0 | 3.2319 | 0 | 0.087 | -0.0006 | 0.0864 |
| 1152 | 11.1 | 11.5 | 0.9998 | 2.2319 | 0 | 3.2317 | 0 | 0.0876 | -0.001 | 0.0866 |
| 1153 | 11.8 | 11.5 | 0.9999 | 2.2323 | 0 | 3.2322 | 0 | 0.0856 | -0.001 | 0.0846 |
| 1154 | 11.3 | 11.5 | 0.9999 | 2.2325 | 0 | 3.2324 | 0 | 0.0756 | -0.001 | 0.0746 |
| 1155 | 11.9 | 11.4 | 0.9998 | 2.2324 | 0.0001 | 3.2323 | 0 | 0.0803 | -0.001 | 0.0793 |
| 1156 | 12 | 11.4 | 0.9998 | 2.2322 | 0.0001 | 3.2321 | 0 | 0.0823 | -0.0001 | 0.0822 |
| 1157 | 11.8 | 11.4 | 0.9999 | 2.232 | 0.0001 | 3.2319 | 0 | 0.0845 | -0.001 | 0.0835 |
| 1158 | 11.6 | 11.5 | 0.9999 | 2.2323 | 0.0001 | 3.2323 | 0 | 0.0885 | -0.001 | 0.0875 |
| 1159 | 12.1 | 11.5 | 0.9999 | 2.2324 | 0.0001 | 3.2324 | 0 | 0.0893 | -0.001 | 0.0883 |
| 1160 | 12.3 | 11.5 | 0.9999 | 2.2323 | 0.0001 | 3.2323 | 0 | 0.0802 | -0.001 | 0.0792 |
| 1161 | 11.5 | 11.6 | 0.9999 | 2.2327 | 0.0002 | 3.2328 | 0.0005 | 0.0823 | -0.001 | 0.0817 |
| 1162 | 11.4 | 11.6 | 0.9999 | 2.2333 | 0.0001 | 3.2333 | 0.001 | 0.0803 | -0.001 | 0.0803 |
| 1163 | 11.1 | 11.6 | 0.9999 | 2.2332 | 0.0002 | 3.2333 | 0.0006 | 0.0797 | -0.0006 | 0.0797 |
| 1164 | 11 | 11.6 | 0.9999 | 2.2331 | 0.0002 | 3.2332 | 0.0005 | 0.0791 | 0 | 0.0795 |
| 1165 | 11.3 | 11.6 | 0.9999 | 2.2329 | 0.0002 | 3.2331 | 0.0005 | 0.0835 | -0.0005 | 0.0834 |
| 1166 | 11.5 | 11.5 | 1 | 2.2332 | 0.0002 | 3.2334 | 0.0006 | 0.083 | -0.0004 | 0.0833 |
| 1167 | 11.6 | 11.5 | 1 | 2.2331 | 0.0002 | 3.2333 | 0.0004 | 0.0789 | -0.0006 | 0.0786 |
| 1168 | 11.6 | 11.5 | 0.9999 | 2.2328 | 0.0002 | 3.2329 | 0 | 0.0729 | -0.001 | 0.0719 |
| 1169 | 11.7 | 11.4 | 0.9999 | 2.2327 | 0.0002 | 3.2328 | 0 | 0.0694 | -0.001 | 0.0684 |
| 1170 | 11.9 | 11.3 | 1 | 2.2328 | 0.0002 | 3.2329 | 0 | 0.0736 | -0.001 | 0.0726 |
| 1171 | 11.5 | 11.3 | 1 | 2.2327 | 0.0002 | 3.2329 | 0 | 0.0695 | -0.001 | 0.0685 |
| 1172 | 11.2 | 11.3 | 1 | 2.2327 | 0.0002 | 3.2329 | 0 | 0.0696 | 0 | 0.0696 |
| 1173 | 11.4 | 11.2 | 0.9999 | 2.2327 | 0.0002 | 3.2328 | 0 | 0.0636 | 0 | 0.0636 |
| 1174 | 11.4 | 11.3 | 0.9999 | 2.2327 | 0.0002 | 3.2328 | 0 | 0.0639 | 0 | 0.0639 |
| 1175 | 11.2 | 11.2 | 0.9999 | 2.2323 | 0.0002 | 3.2324 | 0.0003 | 0.0605 | 0 | 0.0608 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1176 | 10.4 | 11.2 | 0.9999 | 2.2323 | 0.0002 | 3.2324 | 0.0006 | 0.0613 | 0 | 0.062 |
| 1177 | 11.8 | 11.2 | 1 | 2.2317 | 0.0002 | 3.2319 | 0 | 0.0607 | -0.0004 | 0.0602 |
| 1178 | 10.9 | 11.2 | 1 | 2.2316 | 0.0002 | 3.2318 | 0 | 0.0603 | -0.001 | 0.0593 |
| 1179 | 10.6 | 11.2 | 0.9999 | 2.2313 | 0.0002 | 3.2314 | 0 | 0.0598 | -0.001 | 0.0588 |
| 1180 | 10.8 | 11.1 | 0.9999 | 2.2313 | 0.0002 | 3.2314 | 0 | 0.0594 | -0.001 | 0.0584 |
| 1181 | 10.8 | 11.1 | 0.9999 | 2.2309 | 0.0002 | 3.231 | -0.001 | 0.0643 | -0.001 | 0.0623 |
| 1182 | 10.9 | 11.1 | 0.9999 | 2.2307 | 0.0002 | 3.2308 | -0.001 | 0.0608 | -0.001 | 0.0588 |
| 1183 | 11.4 | 11.1 | 0.9999 | 2.2304 | 0.0002 | 3.2305 | -0.001 | 0.0628 | -0.001 | 0.0608 |
| 1184 | 10.9 | 11 | 0.9999 | 2.23 | 0.0002 | 3.23 | -0.0007 | 0.0639 | -0.001 | 0.0622 |
| 1185 | 10.9 | 11 | 0.9999 | 2.2297 | 0.0001 | 3.2297 | 0.0009 | 0.0624 | -0.001 | 0.0623 |
| 1186 | 11 | 11.1 | 1 | 2.2296 | 0.0001 | 3.2297 | 0.0005 | 0.059 | -0.001 | 0.0585 |
| 1187 | 11.3 | 11 | 1 | 2.2292 | 0.0001 | 3.2293 | -0.001 | 0.0608 | -0.001 | 0.0588 |
| 1188 | 11.6 | 11 | 0.9999 | 2.2285 | 0.0001 | 3.2286 | -0.001 | 0.0612 | -0.001 | 0.0592 |
| 1189 | 11.3 | 11 | 0.9999 | 2.2283 | 0.0001 | 3.2283 | -0.001 | 0.0491 | -0.001 | 0.0471 |
| 1190 | 10.8 | 11 | 0.9999 | 2.2281 | 0.0001 | 3.2281 | -0.0008 | 0.0511 | -0.001 | 0.0493 |
| 1191 | 11 | 11 | 0.9999 | 2.2281 | 0.0001 | 3.2281 | 0 | 0.0494 | -0.0001 | 0.0494 |
| 1192 | 10.9 | 11 | 0.9999 | 2.2282 | 0.0001 | 3.2282 | 0 | 0.0395 | 0 | 0.0395 |
| 1193 | 11.1 | 11 | 0.9999 | 2.2284 | 0.0001 | 3.2284 | -0.0005 | 0.0417 | -0.0001 | 0.0411 |
| 1194 | 11 | 11 | 0.9999 | 2.2282 | 0.0001 | 3.2282 | -0.001 | 0.0456 | -0.001 | 0.0436 |
| 1195 | 11.5 | 10.9 | 0.9999 | 2.2279 | 0.0001 | 3.2279 | -0.001 | 0.0553 | -0.001 | 0.0533 |
| 1196 | 11 | 10.9 | 0.9999 | 2.2281 | 0.0001 | 3.228 | -0.001 | 0.0662 | -0.001 | 0.0642 |
| 1197 | 10.6 | 10.9 | 0.9998 | 2.228 | 0.0001 | 3.2279 | -0.001 | 0.0717 | -0.001 | 0.0697 |
| 1198 | 10.6 | 10.9 | 0.9998 | 2.2279 | 0.0001 | 3.2278 | -0.001 | 0.0715 | -0.001 | 0.0695 |
| 1199 | 10.6 | 10.9 | 0.9999 | 2.2276 | 0.0001 | 3.2275 | -0.001 | 0.0687 | -0.0013 | 0.0664 |
| 1200 | 10.9 | 10.9 | 0.9999 | 2.2274 | 0.0002 | 3.2275 | -0.001 | 0.0724 | 0 | 0.0714 |
| 1201 | 10.5 | 11 | 0.9999 | 2.2272 | 0.0002 | 3.2273 | -0.0009 | 0.0714 | -0.0018 | 0.0687 |
| 1202 | 10.9 | 11 | 0.9999 | 2.2272 | 0.0002 | 3.2273 | -0.0002 | 0.0773 | -0.002 | 0.0752 |
| 1203 | 10.6 | 11 | 0.9999 | 2.2277 | 0.0002 | 3.2278 | -0.0008 | 0.0767 | -0.002 | 0.0738 |
| 1204 | 10.5 | 11 | 0.9999 | 2.2272 | 0.0002 | 3.2273 | 0 | 0.0781 | -0.002 | 0.0761 |
| 1205 | 11 | 11 | 0.9999 | 2.2268 | 0.0002 | 3.2269 | -0.0005 | 0.0834 | -0.0017 | 0.0813 |
| 1206 | 11.1 | 11 | 0.9999 | 2.2267 | 0.0002 | 3.2268 | -0.0018 | 0.0908 | -0.001 | 0.088 |
| 1207 | 11.4 | 11 | 0.9999 | 2.2265 | 0.0002 | 3.2266 | -0.001 | 0.0876 | -0.001 | 0.0856 |
| 1208 | 11.1 | 11 | 0.9999 | 2.2266 | 0.0002 | 3.2267 | -0.0005 | 0.087 | -0.001 | 0.0855 |
| 1209 | 11.3 | 11.1 | 0.9999 | 2.2264 | 0.0002 | 3.2265 | 0 | 0.0939 | -0.001 | 0.0929 |
| 1210 | 11.6 | 11.1 | 0.9999 | 2.2264 | 0.0002 | 3.2265 | 0 | 0.0962 | -0.001 | 0.0952 |
| 1211 | 11.5 | 11.1 | 0.9998 | 2.2265 | 0.0002 | 3.2265 | 0 | 0.096 | -0.001 | 0.095 |
| 1212 | 11.4 | 11.1 | 0.9998 | 2.2265 | 0.0002 | 3.2265 | 0 | 0.0987 | -0.0002 | 0.0986 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1213 | 10.9 | 11.1 | 0.9998 | 2.2264 | 0.0002 | 3.2264 | 0 | 0.1043 | -0.0009 | 0.1034 |
| 1214 | 11 | 11.1 | 0.9998 | 2.2261 | 0.0002 | 3.2261 | 0 | 0.1093 | 0 | 0.1093 |
| 1215 | 11.4 | 11.1 | 0.9998 | 2.2263 | 0.0002 | 3.2263 | 0 | 0.1074 | 0 | 0.1074 |
| 1216 | 10.9 | 11.1 | 0.9998 | 2.2264 | 0.0002 | 3.2264 | 0.0011 | 0.1045 | 0 | 0.1056 |
| 1217 | 11.1 | 11.1 | 0.9998 | 2.2265 | 0.0002 | 3.2265 | 0.001 | 0.102 | 0 | 0.103 |
| 1218 | 11.4 | 11.1 | 0.9998 | 2.2267 | 0.0002 | 3.2267 | 0.0007 | 0.105 | 0 | 0.1057 |
| 1219 | 11.3 | 11.1 | 0.9998 | 2.2265 | 0.0002 | 3.2265 | 0 | 0.1048 | 0 | 0.1048 |
| 1220 | 11 | 11.1 | 0.9998 | 2.2265 | 0.0002 | 3.2265 | 0 | 0.108 | 0.0002 | 0.1083 |
| 1221 | 10.6 | 11 | 0.9998 | 2.2264 | 0.0002 | 3.2264 | 0.0005 | 0.1063 | 0.001 | 0.1078 |
| 1222 | 10.4 | 11 | 0.9998 | 2.2265 | 0.0002 | 3.2265 | 0.001 | 0.0988 | 0.001 | 0.1008 |
| 1223 | 10.8 | 11 | 0.9998 | 2.2266 | 0.0002 | 3.2266 | 0.0015 | 0.0934 | 0.001 | 0.0959 |
| 1224 | 11.1 | 11 | 0.9998 | 2.2267 | 0.0002 | 3.2267 | 0.0013 | 0.0923 | 0.001 | 0.0946 |
| 1225 | 11.6 | 11 | 0.9998 | 2.2268 | 0.0002 | 3.2268 | 0.0003 | 0.0998 | 0.0003 | 0.1005 |
| 1226 | 11.3 | 11.1 | 0.9998 | 2.2269 | 0.0002 | 3.2269 | 0 | 0.1022 | 0 | 0.1022 |
| 1227 | 11.3 | 11.1 | 0.9998 | 2.2268 | 0.0002 | 3.2268 | 0.0008 | 0.1015 | 0 | 0.1023 |
| 1228 | 11 | 11.1 | 0.9998 | 2.2269 | 0.0002 | 3.2269 | 0.002 | 0.095 | 0.0009 | 0.0979 |
| 1229 | 10.5 | 11.1 | 0.9998 | 2.227 | 0.0002 | 3.227 | 0.0018 | 0.0964 | 0.001 | 0.0992 |
| 1230 | 10.9 | 11.1 | 0.9999 | 2.2265 | 0.0002 | 3.2266 | 0.001 | 0.0994 | 0.001 | 0.1014 |
| 1231 | 10.6 | 11.1 | 0.9999 | 2.2268 | 0.0002 | 3.2269 | 0.001 | 0.1104 | 0.0008 | 0.1122 |
| 1232 | 11.1 | 11.1 | 0.9999 | 2.2265 | 0.0002 | 3.2266 | 0.0008 | 0.1036 | 0 | 0.1044 |
| 1233 | 11.3 | 11.1 | 0.9999 | 2.2263 | 0.0002 | 3.2264 | 0.0003 | 0.1012 | 0 | 0.1015 |
| 1234 | 11.5 | 11.1 | 0.9998 | 2.2263 | 0.0002 | 3.2263 | 0.001 | 0.097 | 0 | 0.098 |
| 1235 | 11.6 | 11.1 | 0.9999 | 2.2265 | 0.0002 | 3.2266 | 0.001 | 0.0968 | 0 | 0.0978 |
| 1236 | 11.5 | 11.1 | 0.9999 | 2.2264 | 0.0002 | 3.2265 | 0.001 | 0.0938 | 0 | 0.0948 |
| 1237 | 11.3 | 11.1 | 0.9999 | 2.2262 | 0.0002 | 3.2263 | 0.0016 | 0.0852 | -0.0006 | 0.0861 |
| 1238 | 11 | 11.1 | 0.9999 | 2.2263 | 0.0002 | 3.2264 | 0.0013 | 0.0765 | -0.001 | 0.0768 |
| 1239 | 11.2 | 11.1 | 0.9999 | 2.226 | 0.0002 | 3.2261 | 0.0003 | 0.0664 | -0.001 | 0.0657 |
| 1240 | 10.9 | 11.1 | 0.9999 | 2.2262 | 0.0001 | 3.2262 | 0 | 0.0656 | -0.001 | 0.0646 |
| 1241 | 10.9 | 11.1 | 0.9999 | 2.2264 | 0.0001 | 3.2264 | 0 | 0.0668 | -0.001 | 0.0658 |
| 1242 | 11.1 | 11.1 | 0.9999 | 2.2262 | 0.0001 | 3.2262 | 0 | 0.0651 | -0.001 | 0.0641 |
| 1243 | 11.1 | 11.1 | 0.9999 | 2.2263 | 0.0002 | 3.2264 | 0 | 0.07 | -0.001 | 0.069 |
| 1244 | 10.9 | 11 | 0.9999 | 2.226 | 0.0002 | 3.2261 | 0.0001 | 0.0635 | -0.001 | 0.0626 |
| 1245 | 11.3 | 11 | 0.9999 | 2.2257 | 0.0002 | 3.2258 | 0.001 | 0.0587 | -0.001 | 0.0587 |
| 1246 | 11.1 | 11 | 0.9999 | 2.2254 | 0.0002 | 3.2255 | 0.0008 | 0.0534 | -0.001 | 0.0532 |
| 1247 | 10.9 | 11 | 0.9999 | 2.225 | 0.0002 | 3.2251 | -0.0001 | 0.0525 | -0.001 | 0.0515 |
| 1248 | 10.7 | 11 | 0.9999 | 2.225 | 0.0001 | 3.225 | 0 | 0.0474 | -0.001 | 0.0464 |
| 1249 | 10.7 | 11 | 0.9999 | 2.2247 | 0.0001 | 3.2247 | -0.0004 | 0.0443 | -0.001 | 0.0429 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1250 | 10.7 | 11 | 0.9999 | 2.2245 | 0.0002 | 3.2246 | -0.0004 | 0.0403 | -0.001 | 0.0388 |
| 1251 | 10.6 | 11 | 0.9999 | 2.2242 | 0.0002 | 3.2243 | 0 | 0.0379 | -0.0004 | 0.0375 |
| 1252 | 10.9 | 11 | 0.9999 | 2.2242 | 0.0002 | 3.2243 | 0 | 0.0361 | 0 | 0.0361 |
| 1253 | 11.4 | 11.1 | 0.9999 | 2.2245 | 0.0002 | 3.2246 | 0.0007 | 0.0368 | 0 | 0.0376 |
| 1254 | 11.6 | 11.1 | 0.9999 | 2.2242 | 0.0002 | 3.2243 | 0.001 | 0.044 | 0 | 0.045 |
| 1255 | 11.4 | 11.1 | 1 | 2.2233 | 0.0002 | 3.2235 | 0.001 | 0.0475 | 0 | 0.0485 |
| 1256 | 11.3 | 11.1 | 0.9999 | 2.2234 | 0.0002 | 3.2235 | 0.001 | 0.0521 | 0 | 0.0531 |
| 1257 | 10.9 | 11.1 | 0.9999 | 2.2233 | 0.0002 | 3.2234 | 0.0001 | 0.0577 | 0.0001 | 0.0578 |
| 1258 | 11.2 | 11.1 | 0.9999 | 2.2229 | 0.0002 | 3.223 | 0.001 | 0.0575 | 0.001 | 0.0595 |
| 1259 | 11.1 | 11.1 | 0.9999 | 2.2227 | 0.0002 | 3.2228 | 0.001 | 0.0585 | 0.0008 | 0.0603 |
| 1260 | 11.1 | 11.1 | 0.9999 | 2.2227 | 0.0002 | 3.2228 | 0.001 | 0.0602 | 0 | 0.0612 |
| 1261 | 11.1 | 11.1 | 0.9999 | 2.2228 | 0.0002 | 3.2229 | 0.0005 | 0.0658 | 0.0004 | 0.0667 |
| 1262 | 11.4 | 11.2 | 0.9999 | 2.2228 | 0.0002 | 3.2229 | 0 | 0.0658 | 0.0006 | 0.0664 |
| 1263 | 11.3 | 11.2 | 0.9999 | 2.2223 | 0.0002 | 3.2224 | 0 | 0.0628 | 0 | 0.0628 |
| 1264 | 11.3 | 11.2 | 0.9999 | 2.2223 | 0.0002 | 3.2224 | 0 | 0.0614 | 0 | 0.0614 |
| 1265 | 11.2 | 11.2 | 0.9998 | 2.2225 | 0.0002 | 3.2225 | 0 | 0.0595 | 0 | 0.0595 |
| 1266 | 11.5 | 11.2 | 0.9999 | 2.223 | 0.0002 | 3.2231 | 0 | 0.0624 | 0 | 0.0624 |
| 1267 | 10.8 | 11.3 | 0.9999 | 2.2226 | 0.0002 | 3.2227 | 0 | 0.0608 | 0 | 0.0608 |
| 1268 | 11 | 11.3 | 0.9999 | 2.2223 | 0.0002 | 3.2224 | 0 | 0.0635 | 0 | 0.0635 |
| 1269 | 10.6 | 11.3 | 0.9999 | 2.2219 | 0.0002 | 3.222 | 0 | 0.0667 | 0 | 0.0667 |
| 1270 | 10.8 | 11.3 | 0.9999 | 2.2221 | 0.0001 | 3.2221 | 0 | 0.074 | 0 | 0.074 |
| 1271 | 11.4 | 11.3 | 0.9999 | 2.2228 | 0.0001 | 3.2228 | 0 | 0.069 | 0 | 0.069 |
| 1272 | 11.9 | 11.3 | 0.9998 | 2.2234 | 0.0001 | 3.2233 | 0 | 0.0713 | 0 | 0.0713 |
| 1273 | 11.7 | 11.4 | 0.9998 | 2.2234 | 0.0001 | 3.2233 | 0 | 0.0674 | 0 | 0.0674 |
| 1274 | 11.3 | 11.4 | 0.9999 | 2.2227 | 0.0002 | 3.2227 | 0 | 0.0663 | 0.0001 | 0.0664 |
| 1275 | 11.3 | 11.4 | 0.9999 | 2.222 | 0.0002 | 3.2221 | 0 | 0.0663 | 0.001 | 0.0673 |
| 1276 | 12 | 11.4 | 0.9998 | 2.2221 | 0.0002 | 3.2222 | -0.0002 | 0.0704 | 0.001 | 0.0712 |
| 1277 | 11.9 | 11.5 | 0.9998 | 2.2222 | 0.0001 | 3.2221 | -0.001 | 0.0755 | 0.001 | 0.0755 |
| 1278 | 11.2 | 11.5 | 0.9998 | 2.222 | 0.0001 | 3.2219 | -0.001 | 0.0766 | 0.001 | 0.0766 |
| 1279 | 11.2 | 11.5 | 0.9998 | 2.2214 | 0.0001 | 3.2213 | -0.001 | 0.0759 | 0.001 | 0.0759 |
| 1280 | 11.4 | 11.6 | 0.9998 | 2.2203 | 0.0001 | 3.2202 | -0.0006 | 0.0773 | 0.0006 | 0.0773 |
| 1281 | 11.7 | 11.5 | 0.9998 | 2.2206 | 0.0002 | 3.2206 | 0.001 | 0.0718 | 0 | 0.0728 |
| 1282 | 12.4 | 11.5 | 0.9999 | 2.2206 | 0.0002 | 3.2207 | 0.001 | 0.0728 | 0 | 0.0738 |
| 1283 | 11.7 | 11.5 | 0.9998 | 2.2207 | 0.0002 | 3.2207 | 0.001 | 0.0715 | 0 | 0.0725 |
| 1284 | 11.5 | 11.6 | 0.9998 | 2.2203 | 0.0002 | 3.2203 | -0.0001 | 0.0748 | 0 | 0.0747 |
| 1285 | 11.5 | 11.6 | 0.9998 | 2.2203 | 0.0001 | 3.2202 | -0.001 | 0.075 | 0 | 0.074 |
| 1286 | 11.7 | 11.6 | 0.9998 | 2.2211 | 0.0002 | 3.2211 | -0.0005 | 0.0743 | 0 | 0.0738 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1287 | 11.3 | 11.6 | 0.9999 | 2.2215 | 0.0002 | 3.2216 | 0 | 0.0722 | 0 | 0.0722 |
| 1288 | 11.3 | 11.6 | 0.9999 | 2.2219 | 0.0002 | 3.222 | 0.0001 | 0.0732 | 0 | 0.0732 |
| 1289 | 11.5 | 11.6 | 0.9999 | 2.2218 | 0.0002 | 3.2219 | 0.0009 | 0.0718 | 0 | 0.0726 |
| 1290 | 11 | 11.6 | 0.9999 | 2.2214 | 0.0002 | 3.2215 | 0 | 0.0702 | 0 | 0.0702 |
| 1291 | 11.3 | 11.6 | 0.9999 | 2.2216 | 0.0002 | 3.2217 | 0 | 0.0759 | -0.0009 | 0.0749 |
| 1292 | 12.2 | 11.6 | 0.9999 | 2.2212 | 0.0002 | 3.2213 | 0 | 0.0795 | -0.001 | 0.0785 |
| 1293 | 12.3 | 11.5 | 0.9999 | 2.222 | 0.0002 | 3.2221 | 0 | 0.0812 | -0.0009 | 0.0802 |
| 1294 | 11.4 | 11.5 | 0.9998 | 2.2223 | 0.0002 | 3.2223 | 0 | 0.0824 | 0 | 0.0824 |
| 1295 | 11.6 | 11.6 | 0.9998 | 2.2225 | 0.0002 | 3.2225 | 0 | 0.0803 | 0 | 0.0803 |
| 1296 | 11.6 | 11.5 | 0.9999 | 2.2228 | 0.0002 | 3.2229 | 0 | 0.0812 | 0 | 0.0812 |
| 1297 | 11.7 | 11.5 | 0.9998 | 2.2233 | 0.0002 | 3.2233 | 0 | 0.0797 | 0 | 0.0797 |
| 1298 | 11.9 | 11.6 | 0.9998 | 2.2235 | 0.0002 | 3.2235 | 0 | 0.0727 | 0 | 0.0727 |
| 1299 | 11.6 | 11.5 | 0.9999 | 2.2236 | 0.0002 | 3.2237 | 0.0007 | 0.072 | 0.0001 | 0.0729 |
| 1300 | 11.3 | 11.6 | 0.9999 | 2.2236 | 0.0002 | 3.2237 | 0.0002 | 0.0704 | 0 | 0.0706 |
| 1301 | 11.3 | 11.6 | 0.9999 | 2.2236 | 0.0002 | 3.2237 | 0 | 0.0716 | -0.0001 | 0.0715 |
| 1302 | 11.3 | 11.5 | 0.9998 | 2.2235 | 0.0002 | 3.2235 | 0 | 0.0665 | 0 | 0.0665 |
| 1303 | 11.6 | 11.4 | 0.9998 | 2.2233 | 0.0002 | 3.2233 | 0 | 0.0678 | 0 | 0.0678 |
| 1304 | 11.9 | 11.4 | 0.9998 | 2.2225 | 0.0002 | 3.2225 | 0 | 0.0831 | 0 | 0.0831 |
| 1305 | 11.2 | 11.4 | 0.9998 | 2.2216 | 0.0002 | 3.2216 | 0.0001 | 0.0732 | 0 | 0.0733 |
| 1306 | 11.3 | 11.4 | 0.9999 | 2.221 | 0.0002 | 3.2211 | 0.0008 | 0.0606 | 0 | 0.0614 |
| 1307 | 11.6 | 11.4 | 0.9998 | 2.2207 | 0.0001 | 3.2206 | 0 | 0.0582 | 0 | 0.0582 |
| 1308 | 11.4 | 11.4 | 0.9998 | 2.2208 | 0.0001 | 3.2207 | 0 | 0.0538 | 0 | 0.0538 |
| 1309 | 11.5 | 11.4 | 0.9998 | 2.2204 | 0.0002 | 3.2204 | 0 | 0.0508 | 0 | 0.0508 |
| 1310 | 11.2 | 11.4 | 0.9998 | 2.2198 | 0.0002 | 3.2198 | 0 | 0.0499 | 0 | 0.0499 |
| 1311 | 11.1 | 11.4 | 0.9998 | 2.2199 | 0.0001 | 3.2198 | 0 | 0.0502 | 0 | 0.0502 |
| 1312 | 10.8 | 11.4 | 0.9998 | 2.2203 | 0.0002 | 3.2203 | 0 | 0.0566 | 0 | 0.0566 |
| 1313 | 11.2 | 11.4 | 0.9998 | 2.2203 | 0.0002 | 3.2203 | 0 | 0.057 | 0 | 0.057 |
| 1314 | 11.5 | 11.3 | 0.9998 | 2.2201 | 0.0002 | 3.2201 | 0 | 0.049 | 0 | 0.049 |
| 1315 | 11.5 | 11.3 | 0.9998 | 2.2201 | 0.0002 | 3.2201 | 0 | 0.0532 | 0 | 0.0532 |
| 1316 | 11.6 | 11.4 | 0.9998 | 2.2203 | 0.0002 | 3.2203 | -0.0009 | 0.0576 | 0 | 0.0566 |
| 1317 | 11.2 | 11.4 | 0.9998 | 2.2202 | 0.0002 | 3.2202 | 0 | 0.0602 | 0 | 0.0602 |
| 1318 | 11.4 | 11.3 | 0.9998 | 2.22 | 0.0002 | 3.22 | 0 | 0.0559 | 0 | 0.0559 |
| 1319 | 11.4 | 11.3 | 0.9998 | 2.2191 | 0.0002 | 3.2191 | 0 | 0.053 | 0 | 0.053 |
| 1320 | 11.4 | 11.3 | 0.9998 | 2.2196 | 0.0002 | 3.2196 | 0 | 0.0461 | -0.0002 | 0.0459 |
| 1321 | 11.8 | 11.3 | 0.9998 | 2.2193 | 0.0002 | 3.2193 | 0 | 0.0511 | -0.001 | 0.0501 |
| 1322 | 11.1 | 11.3 | 0.9998 | 2.2197 | 0.0002 | 3.2197 | 0 | 0.0628 | -0.001 | 0.0618 |
| 1323 | 11.2 | 11.3 | 0.9998 | 2.2199 | 0.0002 | 3.2199 | -0.0005 | 0.0675 | -0.001 | 0.066 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1324 | 11.6 | 11.3 | 0.9998 | 2.2201 | 0.0001 | 3.22 | -0.001 | 0.0694 | -0.001 | 0.0674 |
| 1325 | 11.4 | 11.3 | 0.9998 | 2.2197 | 0.0001 | 3.2196 | -0.0001 | 0.0658 | -0.0003 | 0.0654 |
| 1326 | 11.5 | 11.3 | 0.9999 | 2.2193 | 0.0001 | 3.2193 | 0.0007 | 0.0589 | 0 | 0.0596 |
| 1327 | 11.2 | 11.3 | 0.9999 | 2.2192 | 0.0001 | 3.2192 | -0.0004 | 0.0611 | 0 | 0.0607 |
| 1328 | 10.5 | 11.2 | 0.9999 | 2.2193 | 0.0001 | 3.2193 | 0 | 0.06 | -0.0009 | 0.0591 |
| 1329 | 10.9 | 11.2 | 0.9999 | 2.2193 | 0.0001 | 3.2193 | 0 | 0.0564 | -0.001 | 0.0554 |
| 1330 | 11.1 | 11.2 | 0.9998 | 2.2194 | 0.0002 | 3.2194 | 0 | 0.0485 | -0.001 | 0.0475 |
| 1331 | 11.5 | 11.2 | 0.9998 | 2.2196 | 0.0002 | 3.2196 | 0 | 0.0381 | -0.0008 | 0.0373 |
| 1332 | 11.7 | 11.2 | 0.9998 | 2.2194 | 0.0002 | 3.2194 | 0.0002 | 0.0402 | 0 | 0.0404 |
| 1333 | 11.2 | 11.2 | 0.9999 | 2.2188 | 0.0002 | 3.2189 | 0.0007 | 0.0417 | 0 | 0.0424 |
| 1334 | 11.6 | 11.2 | 0.9999 | 2.2188 | 0.0002 | 3.2189 | -0.001 | 0.0478 | 0 | 0.0468 |
| 1335 | 10.8 | 11.1 | 0.9999 | 2.2191 | 0.0002 | 3.2192 | -0.0009 | 0.0431 | -0.0005 | 0.0417 |
| 1336 | 11.6 | 11.1 | 0.9999 | 2.2192 | 0.0002 | 3.2193 | 0 | 0.0453 | -0.001 | 0.0443 |
| 1337 | 10.4 | 11.1 | 0.9999 | 2.2189 | 0.0002 | 3.219 | 0 | 0.0593 | -0.0004 | 0.0589 |
| 1338 | 11.1 | 11.2 | 0.9998 | 2.2191 | 0.0002 | 3.2191 | 0.0007 | 0.0627 | 0 | 0.0634 |
| 1339 | 10.8 | 11.2 | 0.9999 | 2.219 | 0.0002 | 3.2191 | 0.001 | 0.066 | 0 | 0.067 |
| 1340 | 11.2 | 11.2 | 0.9999 | 2.2186 | 0.0002 | 3.2187 | 0.001 | 0.0675 | 0 | 0.0685 |
| 1341 | 11.1 | 11.2 | 0.9999 | 2.2185 | 0.0002 | 3.2186 | 0.001 | 0.068 | 0 | 0.069 |
| 1342 | 11.4 | 11.2 | 0.9999 | 2.2181 | 0.0002 | 3.2182 | 0.001 | 0.073 | 0 | 0.074 |
| 1343 | 11.4 | 11.2 | 0.9999 | 2.2181 | 0.0002 | 3.2182 | 0.001 | 0.0733 | 0 | 0.0743 |
| 1344 | 10.9 | 11.2 | 0.9999 | 2.218 | 0.0002 | 3.2181 | 0.0009 | 0.0791 | 0 | 0.08 |
| 1345 | 11.2 | 11.2 | 0.9999 | 2.2176 | 0.0002 | 3.2177 | 0 | 0.0812 | 0 | 0.0812 |
| 1346 | 11.1 | 11.2 | 0.9999 | 2.2175 | 0.0002 | 3.2176 | 0.0002 | 0.0833 | 0.0009 | 0.0844 |
| 1347 | 11.6 | 11.2 | 0.9999 | 2.2178 | 0.0002 | 3.2179 | 0.0008 | 0.0933 | 0.001 | 0.095 |
| 1348 | 11.5 | 11.2 | 0.9998 | 2.2178 | 0.0001 | 3.2177 | 0 | 0.1008 | 0.0001 | 0.1009 |
| 1349 | 11.5 | 11.2 | 0.9999 | 2.2176 | 0.0001 | 3.2176 | 0.0004 | 0.1048 | 0.001 | 0.1062 |
| 1350 | 11.3 | 11.2 | 0.9999 | 2.2173 | 0.0002 | 3.2174 | 0.001 | 0.1103 | 0.001 | 0.1123 |
| 1351 | 10.8 | 11.2 | 0.9999 | 2.2176 | 0.0002 | 3.2177 | 0.001 | 0.1131 | 0.001 | 0.1151 |
| 1352 | 11.3 | 11.1 | 0.9999 | 2.2174 | 0.0002 | 3.2175 | 0.001 | 0.11 | 0.001 | 0.112 |
| 1353 | 11.4 | 11.1 | 0.9999 | 2.2162 | 0.0002 | 3.2163 | 0.0003 | 0.105 | 0.0005 | 0.1058 |
| 1354 | 11.4 | 11.1 | 0.9999 | 2.2169 | 0.0002 | 3.217 | 0 | 0.0995 | 0 | 0.0995 |
| 1355 | 11.3 | 11.1 | 0.9999 | 2.2173 | 0.0002 | 3.2174 | -0.0006 | 0.0921 | 0 | 0.0915 |
| 1356 | 10.8 | 11.1 | 0.9999 | 2.2176 | 0.0002 | 3.2177 | -0.001 | 0.0773 | 0 | 0.0763 |
| 1357 | 10.6 | 11.1 | 0.9999 | 2.2179 | 0.0002 | 3.218 | 0.0007 | 0.067 | -0.0001 | 0.0676 |
| 1358 | 10.9 | 11 | 0.9999 | 2.2178 | 0.0002 | 3.2179 | -0.0009 | 0.0676 | -0.001 | 0.0657 |
| 1359 | 11 | 11 | 0.9999 | 2.2178 | 0.0002 | 3.2179 | -0.001 | 0.076 | -0.0008 | 0.0743 |
| 1360 | 10.9 | 10.9 | 0.9999 | 2.2177 | 0.0002 | 3.2178 | -0.001 | 0.0762 | 0 | 0.0752 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1361 | 10.8 | 11 | 0.9999 | 2.2172 | 0.0002 | 3.2173 | -0.0009 | 0.07 | -0.0004 | 0.0687 |
| 1362 | 10.5 | 10.9 | 0.9999 | 2.2171 | 0.0002 | 3.2172 | 0 | 0.0664 | -0.0006 | 0.0658 |
| 1363 | 10.8 | 10.9 | 0.9999 | 2.2174 | 0.0002 | 3.2175 | 0 | 0.0696 | 0 | 0.0696 |
| 1364 | 11.4 | 10.9 | 0.9999 | 2.217 | 0.0002 | 3.2171 | 0 | 0.0735 | 0 | 0.0735 |
| 1365 | 11 | 10.9 | 0.9999 | 2.2167 | 0.0002 | 3.2168 | 0 | 0.0738 | 0 | 0.0738 |
| 1366 | 11.2 | 10.9 | 0.9999 | 2.217 | 0.0002 | 3.2171 | 0 | 0.074 | 0 | 0.074 |
| 1367 | 10.4 | 10.9 | 0.9999 | 2.217 | 0.0002 | 3.2171 | 0.0005 | 0.0772 | 0 | 0.0777 |
| 1368 | 10.2 | 10.9 | 0.9999 | 2.217 | 0.0002 | 3.2171 | 0.001 | 0.076 | 0 | 0.077 |
| 1369 | 10.9 | 10.9 | 0.9999 | 2.2173 | 0.0002 | 3.2174 | 0.001 | 0.0734 | 0 | 0.0744 |
| 1370 | 11.1 | 10.9 | 0.9999 | 2.217 | 0.0002 | 3.2171 | 0.0003 | 0.061 | 0 | 0.0613 |
| 1371 | 11.2 | 10.9 | 0.9999 | 2.2165 | 0.0002 | 3.2166 | 0 | 0.0622 | 0 | 0.0622 |
| 1372 | 11 | 11 | 0.9999 | 2.2166 | 0.0002 | 3.2167 | 0 | 0.0581 | 0 | 0.0581 |
| 1373 | 11.3 | 11 | 0.9999 | 2.2165 | 0.0002 | 3.2166 | 0 | 0.0602 | 0 | 0.0602 |
| 1374 | 11.1 | 11 | 0.9999 | 2.2161 | 0.0002 | 3.2162 | 0 | 0.064 | -0.0001 | 0.0639 |
| 1375 | 10.9 | 11 | 0.9998 | 2.2161 | 0.0002 | 3.2162 | 0 | 0.0622 | -0.001 | 0.0612 |
| 1376 | 11 | 11 | 0.9999 | 2.216 | 0.0002 | 3.2161 | 0.0002 | 0.0565 | -0.001 | 0.0557 |
| 1377 | 10.7 | 11 | 0.9998 | 2.2162 | 0.0002 | 3.2162 | 0.001 | 0.0523 | -0.001 | 0.0523 |
| 1378 | 10.8 | 11 | 0.9998 | 2.2164 | 0.0002 | 3.2164 | 0.001 | 0.05 | -0.001 | 0.05 |
| 1379 | 11 | 11.1 | 0.9998 | 2.2165 | 0.0002 | 3.2165 | 0.0005 | 0.0554 | -0.001 | 0.0549 |
| 1380 | 11.5 | 11.1 | 0.9998 | 2.2165 | 0.0002 | 3.2165 | 0.0001 | 0.0571 | -0.0006 | 0.0567 |
| 1381 | 11 | 11.1 | 0.9998 | 2.2166 | 0.0002 | 3.2166 | -0.0006 | 0.0598 | 0 | 0.0591 |
| 1382 | 11.2 | 11.1 | 0.9998 | 2.2164 | 0.0002 | 3.2164 | -0.001 | 0.0647 | 0 | 0.0637 |
| 1383 | 10.8 | 11.1 | 0.9999 | 2.2159 | 0.0002 | 3.216 | -0.0002 | 0.0664 | 0 | 0.0662 |
| 1384 | 11.2 | 11.1 | 0.9999 | 2.216 | 0.0002 | 3.2161 | 0.0008 | 0.0624 | 0 | 0.0631 |
| 1385 | 11.3 | 11.1 | 0.9998 | 2.2158 | 0.0002 | 3.2158 | 0.001 | 0.06 | 0 | 0.061 |
| 1386 | 10.9 | 11.1 | 0.9998 | 2.2152 | 0.0002 | 3.2152 | 0.001 | 0.0667 | 0 | 0.0677 |
| 1387 | 11.1 | 11.2 | 0.9998 | 2.2152 | 0.0002 | 3.2152 | 0.001 | 0.0681 | 0 | 0.0691 |
| 1388 | 11.1 | 11.2 | 0.9998 | 2.2153 | 0.0002 | 3.2153 | 0.0009 | 0.0662 | 0 | 0.0671 |
| 1389 | 11.3 | 11.2 | 0.9998 | 2.215 | 0.0002 | 3.215 | 0.0001 | 0.0686 | 0 | 0.0687 |
| 1390 | 11.3 | 11.2 | 0.9998 | 2.2146 | 0.0002 | 3.2146 | 0.001 | 0.07 | 0 | 0.071 |
| 1391 | 11.1 | 11.2 | 0.9998 | 2.2143 | 0.0002 | 3.2143 | 0.001 | 0.0631 | 0 | 0.0641 |
| 1392 | 11.3 | 11.2 | 0.9998 | 2.2139 | 0.0002 | 3.2139 | 0.001 | 0.0565 | 0.0005 | 0.058 |
| 1393 | 11.3 | 11.2 | 0.9998 | 2.2141 | 0.0002 | 3.2141 | 0.001 | 0.0559 | 0.001 | 0.0579 |
| 1394 | 11.3 | 11.2 | 0.9998 | 2.2142 | 0.0002 | 3.2142 | 0.001 | 0.0599 | 0.0004 | 0.0613 |
| 1395 | 11.1 | 11.2 | 0.9998 | 2.2142 | 0.0001 | 3.2141 | 0.001 | 0.068 | 0 | 0.069 |
| 1396 | 11.6 | 11.2 | 0.9998 | 2.2135 | 0.0001 | 3.2134 | 0.001 | 0.0737 | 0 | 0.0747 |
| 1397 | 11.6 | 11.2 | 0.9998 | 2.2132 | 0.0002 | 3.2132 | 0.001 | 0.0754 | 0 | 0.0764 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1398 | 11.2 | 11.2 | 0.9998 | 2.213 | 0.0001 | 3.2129 | 0.001 | 0.0797 | 0 | 0.0807 |
| 1399 | 11.7 | 11.2 | 0.9998 | 2.2125 | 0.0001 | 3.2124 | 0.0003 | 0.0754 | -0.0007 | 0.075 |
| 1400 | 11.2 | 11.3 | 0.9998 | 2.2123 | 0.0001 | 3.2122 | 0.0008 | 0.0716 | -0.001 | 0.0714 |
| 1401 | 11 | 11.3 | 0.9998 | 2.2126 | 0.0001 | 3.2125 | 0.001 | 0.0656 | -0.0001 | 0.0665 |
| 1402 | 11 | 11.3 | 0.9998 | 2.213 | 0.0001 | 3.2129 | 0.001 | 0.0686 | 0 | 0.0696 |
| 1403 | 11 | 11.3 | 0.9998 | 2.2133 | 0.0002 | 3.2133 | 0.001 | 0.066 | 0.0003 | 0.0672 |
| 1404 | 11 | 11.3 | 0.9999 | 2.2133 | 0.0002 | 3.2133 | 0.001 | 0.0522 | 0.001 | 0.0542 |
| 1405 | 11.3 | 11.3 | 0.9999 | 2.2139 | 0.0002 | 3.214 | 0.001 | 0.0565 | 0.001 | 0.0585 |
| 1406 | 11.3 | 11.3 | 0.9998 | 2.2143 | 0.0002 | 3.2143 | 0.001 | 0.0576 | 0.001 | 0.0596 |
| 1407 | 11 | 11.3 | 0.9999 | 2.214 | 0.0002 | 3.214 | 0.001 | 0.0634 | 0.001 | 0.0654 |
| 1408 | 11.2 | 11.4 | 0.9999 | 2.2132 | 0.0002 | 3.2133 | 0.001 | 0.0712 | 0.001 | 0.0732 |
| 1409 | 11.9 | 11.4 | 0.9999 | 2.2128 | 0.0002 | 3.2129 | 0.001 | 0.0743 | 0.0003 | 0.0756 |
| 1410 | 11.6 | 11.4 | 0.9999 | 2.2128 | 0.0002 | 3.2129 | 0.001 | 0.076 | 0 | 0.077 |
| 1411 | 11.3 | 11.4 | 0.9998 | 2.2132 | 0.0002 | 3.2132 | 0.001 | 0.0775 | 0 | 0.0785 |
| 1412 | 11.4 | 11.4 | 0.9998 | 2.2133 | 0.0002 | 3.2133 | 0.001 | 0.0728 | 0 | 0.0738 |
| 1413 | 11.5 | 11.4 | 0.9998 | 2.2129 | 0.0002 | 3.2129 | 0.001 | 0.0744 | 0 | 0.0754 |
| 1414 | 11.4 | 11.4 | 0.9998 | 2.2128 | 0.0002 | 3.2128 | 0.001 | 0.0769 | 0 | 0.0779 |
| 1415 | 11.7 | 11.4 | 0.9998 | 2.2127 | 0.0002 | 3.2127 | 0.001 | 0.0726 | 0 | 0.0736 |
| 1416 | 11.9 | 11.4 | 0.9998 | 2.2126 | 0.0002 | 3.2126 | 0.001 | 0.073 | 0 | 0.074 |
| 1417 | 11.6 | 11.5 | 0.9997 | 2.2126 | 0.0002 | 3.2125 | 0.001 | 0.0792 | 0 | 0.0802 |
| 1418 | 11.5 | 11.5 | 0.9997 | 2.2127 | 0.0002 | 3.2126 | 0.001 | 0.0817 | 0 | 0.0827 |
| 1419 | 11.2 | 11.5 | 0.9998 | 2.213 | 0.0002 | 3.213 | 0.001 | 0.0831 | 0 | 0.0841 |
| 1420 | 11.6 | 11.5 | 0.9998 | 2.2133 | 0.0002 | 3.2133 | 0.001 | 0.0868 | 0.001 | 0.0888 |
| 1421 | 11.6 | 11.5 | 0.9998 | 2.2135 | 0.0002 | 3.2135 | 0.0019 | 0.0824 | 0.0011 | 0.0854 |
| 1422 | 11.4 | 11.5 | 0.9998 | 2.2137 | 0.0002 | 3.2137 | 0.001 | 0.0784 | 0.0018 | 0.0812 |
| 1423 | 11 | 11.5 | 0.9998 | 2.2135 | 0.0002 | 3.2135 | 0.001 | 0.075 | 0.001 | 0.077 |
| 1424 | 11.5 | 11.6 | 0.9998 | 2.2138 | 0.0002 | 3.2138 | 0.001 | 0.0726 | 0.001 | 0.0746 |
| 1425 | 11.1 | 11.6 | 0.9998 | 2.2141 | 0.0002 | 3.2141 | 0.0008 | 0.0665 | 0.001 | 0.0683 |
| 1426 | 11.9 | 11.6 | 0.9998 | 2.2141 | 0.0002 | 3.2141 | 0.0007 | 0.0682 | 0.0006 | 0.0696 |
| 1427 | 11.9 | 11.6 | 0.9998 | 2.2141 | 0.0002 | 3.2141 | 0.0016 | 0.0676 | 0.0004 | 0.0696 |
| 1428 | 11.6 | 11.6 | 0.9998 | 2.2138 | 0.0002 | 3.2138 | 0.0006 | 0.0734 | 0.001 | 0.075 |
| 1429 | 11.3 | 11.6 | 0.9998 | 2.2135 | 0.0002 | 3.2136 | 0 | 0.0764 | 0.001 | 0.0774 |
| 1430 | 11.5 | 11.6 | 0.9999 | 2.2134 | 0.0002 | 3.2134 | 0 | 0.0798 | 0.0005 | 0.0803 |
| 1431 | 11.4 | 11.6 | 0.9999 | 2.2131 | 0.0002 | 3.2132 | 0 | 0.08 | 0.0004 | 0.0804 |
| 1432 | 11.8 | 11.5 | 0.9998 | 2.2128 | 0.0002 | 3.2128 | 0 | 0.0804 | 0.001 | 0.0814 |
| 1433 | 12.1 | 11.6 | 0.9998 | 2.2126 | 0.0002 | 3.2126 | 0 | 0.0772 | 0.001 | 0.0782 |
| 1434 | 11.8 | 11.5 | 0.9998 | 2.2128 | 0.0002 | 3.2128 | 0.001 | 0.0725 | 0.0005 | 0.074 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1435 | 11.9 | 11.5 | 0.9998 | 2.2124 | 0.0002 | 3.2124 | 0.0015 | 0.0722 | 0 | 0.0737 |
| 1436 | 12 | 11.5 | 0.9998 | 2.2124 | 0.0002 | 3.2124 | 0.0004 | 0.0684 | 0 | 0.0688 |
| 1437 | 11.8 | 11.5 | 0.9998 | 2.2123 | 0.0002 | 3.2123 | 0 | 0.0636 | 0 | 0.0636 |
| 1438 | 11.4 | 11.5 | 0.9998 | 2.2122 | 0.0002 | 3.2122 | 0 | 0.0665 | 0 | 0.0665 |
| 1439 | 11.3 | 11.5 | 0.9998 | 2.212 | 0.0002 | 3.212 | 0 | 0.0686 | 0 | 0.0686 |
| 1440 | 11.1 | 11.5 | 0.9998 | 2.2123 | 0.0002 | 3.2123 | 0 | 0.0635 | 0.0007 | 0.0642 |
| 1441 | 10.9 | 11.5 | 0.9998 | 2.2128 | 0.0001 | 3.2127 | 0 | 0.0563 | 0.0003 | 0.0566 |
| 1442 | 11.4 | 11.4 | 0.9998 | 2.2125 | 0.0001 | 3.2124 | 0 | 0.055 | 0.0008 | 0.0558 |
| 1443 | 10.9 | 11.3 | 0.9998 | 2.2121 | 0.0002 | 3.2121 | 0 | 0.0519 | 0.0001 | 0.052 |
| 1444 | 11 | 11.3 | 0.9998 | 2.2112 | 0.0002 | 3.2112 | 0 | 0.055 | 0 | 0.055 |
| 1445 | 11.6 | 11.3 | 0.9998 | 2.2102 | 0.0002 | 3.2102 | 0 | 0.0551 | 0 | 0.0551 |
| 1446 | 11.6 | 11.3 | 0.9998 | 2.2099 | 0.0002 | 3.2099 | 0 | 0.055 | -0.0009 | 0.0541 |
| 1447 | 12 | 11.2 | 0.9998 | 2.2098 | 0.0002 | 3.2098 | 0 | 0.0479 | -0.001 | 0.0469 |
| 1448 | 11 | 11.2 | 0.9998 | 2.2102 | 0.0002 | 3.2102 | 0 | 0.0451 | 0 | 0.0451 |
| 1449 | 11.1 | 11.2 | 0.9998 | 2.2105 | 0.0002 | 3.2105 | 0 | 0.0452 | -0.0001 | 0.045 |
| 1450 | 11 | 11.2 | 0.9998 | 2.2108 | 0.0002 | 3.2108 | 0 | 0.0416 | -0.0009 | 0.0407 |
| 1451 | 10.6 | 11.3 | 0.9998 | 2.2107 | 0.0002 | 3.2107 | 0 | 0.043 | 0 | 0.043 |
| 1452 | 10.9 | 11.3 | 0.9998 | 2.2108 | 0.0002 | 3.2108 | 0 | 0.0463 | -0.0001 | 0.0462 |
| 1453 | 11.6 | 11.3 | 0.9998 | 2.211 | 0.0001 | 3.2109 | 0 | 0.0581 | -0.0005 | 0.0576 |
| 1454 | 11.7 | 11.4 | 0.9998 | 2.2112 | 0.0001 | 3.2111 | 0 | 0.0644 | 0.001 | 0.0654 |
| 1455 | 11.1 | 11.4 | 0.9998 | 2.2115 | 0.0001 | 3.2114 | 0.0006 | 0.0674 | 0.001 | 0.069 |
| 1456 | 11.5 | 11.4 | 0.9998 | 2.2112 | 0.0001 | 3.2111 | 0.001 | 0.0707 | 0.0009 | 0.0726 |
| 1457 | 11.4 | 11.4 | 0.9998 | 2.2108 | 0.0001 | 3.2107 | 0.0002 | 0.0762 | 0 | 0.0765 |
| 1458 | 10.9 | 11.4 | 0.9998 | 2.2104 | 0.0002 | 3.2104 | 0.0009 | 0.0756 | 0 | 0.0764 |
| 1459 | 11.4 | 11.5 | 0.9998 | 2.2102 | 0.0002 | 3.2102 | 0.001 | 0.0676 | 0 | 0.0686 |
| 1460 | 11.6 | 11.6 | 0.9998 | 2.2099 | 0.0002 | 3.2099 | 0.001 | 0.0653 | 0 | 0.0663 |
| 1461 | 11.4 | 11.7 | 0.9998 | 2.2099 | 0.0002 | 3.2099 | 0.0011 | 0.0666 | 0 | 0.0677 |
| 1462 | 11.6 | 11.7 | 0.9998 | 2.2097 | 0.0002 | 3.2097 | 0.001 | 0.0676 | 0 | 0.0686 |
| 1463 | 11.8 | 11.7 | 0.9998 | 2.2097 | 0.0002 | 3.2097 | 0.001 | 0.0667 | 0 | 0.0677 |
| 1464 | 12.3 | 11.7 | 0.9998 | 2.2098 | 0.0002 | 3.2098 | 0.001 | 0.0562 | 0 | 0.0572 |
| 1465 | 11.9 | 11.7 | 0.9998 | 2.2094 | 0.0002 | 3.2094 | 0.001 | 0.0523 | 0 | 0.0533 |
| 1466 | 11.7 | 11.8 | 0.9998 | 2.2091 | 0.0002 | 3.2091 | 0.001 | 0.0544 | 0 | 0.0554 |
| 1467 | 11.6 | 11.8 | 0.9998 | 2.2088 | 0.0002 | 3.2088 | 0.0001 | 0.0579 | 0 | 0.0581 |
| 1468 | 12.3 | 11.8 | 0.9998 | 2.2087 | 0.0002 | 3.2087 | -0.001 | 0.0576 | 0 | 0.0566 |
| 1469 | 12.8 | 11.8 | 0.9998 | 2.2086 | 0.0001 | 3.2085 | -0.001 | 0.0561 | 0 | 0.0551 |
| 1470 | 12.2 | 11.9 | 0.9997 | 2.2088 | 0.0001 | 3.2086 | -0.0003 | 0.061 | 0 | 0.0607 |
| 1471 | 11.9 | 11.9 | 0.9998 | 2.2087 | 0 | 3.2085 | 0 | 0.068 | 0 | 0.068 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1472 | 11.1 | 11.9 | 0.9998 | 2.2091 | 0.0001 | 3.209 | 0.0007 | 0.0759 | 0 | 0.0765 |
| 1473 | 11.5 | 11.9 | 0.9998 | 2.2092 | 0.0001 | 3.2091 | 0.001 | 0.0786 | 0 | 0.0796 |
| 1474 | 12 | 11.9 | 0.9998 | 2.2095 | 0.0001 | 3.2094 | 0.001 | 0.0785 | 0 | 0.0795 |
| 1475 | 11.9 | 11.9 | 0.9998 | 2.2093 | 0.0001 | 3.2092 | 0.001 | 0.0833 | 0.0008 | 0.0851 |
| 1476 | 11.6 | 11.9 | 0.9997 | 2.2093 | 0.0002 | 3.2091 | 0.001 | 0.0867 | 0.001 | 0.0887 |
| 1477 | 11.4 | 11.9 | 0.9997 | 2.2089 | 0.0001 | 3.2087 | 0 | 0.0898 | 0.001 | 0.0908 |
| 1478 | 11.9 | 11.8 | 0.9998 | 2.2087 | 0.0001 | 3.2086 | 0.001 | 0.0826 | 0.001 | 0.0846 |
| 1479 | 12.3 | 11.7 | 0.9998 | 2.2086 | 0.0001 | 3.2085 | 0.0015 | 0.0737 | 0.001 | 0.0762 |
| 1480 | 12 | 11.7 | 0.9998 | 2.2085 | 0.0002 | 3.2084 | 0.0014 | 0.0694 | 0 | 0.0708 |
| 1481 | 11.7 | 11.6 | 0.9998 | 2.2085 | 0.0001 | 3.2084 | 0.0006 | 0.0665 | 0 | 0.0671 |
| 1482 | 11.8 | 11.6 | 0.9998 | 2.2087 | 0.0001 | 3.2086 | 0.001 | 0.0631 | 0 | 0.0641 |
| 1483 | 12.3 | 11.6 | 0.9998 | 2.2086 | 0.0002 | 3.2086 | 0.0002 | 0.0657 | 0 | 0.0659 |
| 1484 | 11.8 | 11.5 | 0.9997 | 2.2088 | 0.0002 | 3.2087 | 0 | 0.0701 | 0 | 0.0701 |
| 1485 | 11.5 | 11.5 | 0.9998 | 2.209 | 0.0002 | 3.2089 | 0 | 0.0771 | 0 | 0.0771 |
| 1486 | 11.6 | 11.5 | 0.9998 | 2.2088 | 0.0002 | 3.2088 | 0.0004 | 0.0716 | 0 | 0.072 |
| 1487 | 11.1 | 11.5 | 0.9998 | 2.2086 | 0.0002 | 3.2086 | 0.001 | 0.0718 | 0 | 0.0728 |
| 1488 | 11.1 | 11.5 | 0.9998 | 2.2084 | 0.0002 | 3.2084 | 0.0005 | 0.0695 | 0 | 0.07 |
| 1489 | 11.4 | 11.4 | 0.9998 | 2.2087 | 0.0001 | 3.2086 | 0 | 0.0659 | 0 | 0.0659 |
| 1490 | 10.8 | 11.4 | 0.9998 | 2.209 | 0.0002 | 3.209 | 0 | 0.0644 | 0 | 0.0644 |
| 1491 | 10.8 | 11.3 | 0.9998 | 2.2088 | 0.0001 | 3.2087 | 0 | 0.0655 | 0 | 0.0655 |
| 1492 | 11 | 11.3 | 0.9998 | 2.2087 | 0.0002 | 3.2087 | 0 | 0.0684 | -0.0005 | 0.0679 |
| 1493 | 11.1 | 11.3 | 0.9998 | 2.2086 | 0.0002 | 3.2086 | 0 | 0.0657 | -0.001 | 0.0647 |
| 1494 | 11.2 | 11.3 | 0.9998 | 2.2087 | 0.0002 | 3.2087 | 0 | 0.0604 | -0.0004 | 0.0601 |
| 1495 | 11.2 | 11.3 | 0.9998 | 2.2087 | 0.0002 | 3.2087 | 0 | 0.0499 | 0 | 0.0499 |
| 1496 | 11.4 | 11.2 | 0.9998 | 2.2087 | 0.0002 | 3.2087 | 0 | 0.0449 | 0 | 0.0449 |
| 1497 | 11.6 | 11.3 | 0.9998 | 2.2087 | 0.0002 | 3.2087 | 0 | 0.0442 | 0 | 0.0442 |
| 1498 | 10.9 | 11.2 | 0.9998 | 2.2085 | 0.0001 | 3.2084 | 0 | 0.0422 | 0 | 0.0422 |
| 1499 | 11.5 | 11.2 | 0.9998 | 2.2084 | 0.0002 | 3.2083 | 0 | 0.0531 | 0 | 0.0531 |
| 1500 | 11.6 | 11.3 | 0.9998 | 2.208 | 0.0001 | 3.2079 | 0 | 0.0557 | 0 | 0.0557 |
| 1501 | 11.1 | 11.3 | 0.9998 | 2.2079 | 0.0001 | 3.2078 | 0 | 0.0578 | 0.001 | 0.0588 |
| 1502 | 11.6 | 11.3 | 0.9998 | 2.2072 | 0.0002 | 3.2072 | 0 | 0.0533 | 0 | 0.0533 |
| 1503 | 11.6 | 11.4 | 0.9998 | 2.2069 | 0.0001 | 3.2068 | 0 | 0.0543 | -0.0003 | 0.054 |
| 1504 | 11.4 | 11.4 | 0.9998 | 2.2065 | 0.0001 | 3.2064 | 0 | 0.0551 | -0.001 | 0.0541 |
| 1505 | 11.2 | 11.4 | 0.9998 | 2.2068 | 0.0001 | 3.2067 | 0 | 0.0568 | -0.001 | 0.0558 |
| 1506 | 11.3 | 11.5 | 0.9998 | 2.2067 | 0.0002 | 3.2067 | 0 | 0.0644 | -0.001 | 0.0634 |
| 1507 | 10.9 | 11.5 | 0.9998 | 2.2064 | 0.0002 | 3.2064 | 0 | 0.062 | -0.001 | 0.061 |
| 1508 | 11.2 | 11.5 | 0.9998 | 2.2064 | 0.0002 | 3.2064 | 0 | 0.0538 | -0.001 | 0.0528 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1509 | 11.6 | 11.5 | 0.9998 | 2.2063 | 0.0002 | 3.2063 | 0 | 0.0485 | -0.0003 | 0.0482 |
| 1510 | 11.3 | 11.6 | 0.9998 | 2.2062 | 0.0002 | 3.2062 | 0 | 0.0458 | 0.0006 | 0.0464 |
| 1511 | 11.4 | 11.6 | 0.9997 | 2.2065 | 0.0002 | 3.2064 | 0 | 0.046 | 0.001 | 0.047 |
| 1512 | 11.7 | 11.6 | 0.9997 | 2.2066 | 0.0002 | 3.2065 | 0 | 0.0499 | 0.001 | 0.0509 |
| 1513 | 12 | 11.6 | 0.9997 | 2.2073 | 0.0002 | 3.2072 | 0 | 0.0482 | 0.0003 | 0.0485 |
| 1514 | 11.9 | 11.6 | 0.9997 | 2.2075 | 0.0002 | 3.2074 | 0 | 0.0477 | 0 | 0.0477 |
| 1515 | 11.8 | 11.6 | 0.9997 | 2.2073 | 0.0002 | 3.2072 | 0 | 0.0487 | 0 | 0.0487 |
| 1516 | 11.7 | 11.7 | 0.9997 | 2.2068 | 0.0002 | 3.2067 | 0 | 0.0445 | 0 | 0.0445 |
| 1517 | 11.8 | 11.8 | 0.9998 | 2.2068 | 0.0002 | 3.2068 | 0 | 0.0381 | 0 | 0.0381 |
| 1518 | 12.2 | 11.8 | 0.9998 | 2.2071 | 0.0002 | 3.2071 | 0.0008 | 0.0386 | 0 | 0.0395 |
| 1519 | 11.8 | 11.9 | 0.9998 | 2.2069 | 0.0002 | 3.2069 | 0.0001 | 0.0354 | 0 | 0.0355 |
| 1520 | 11.5 | 11.9 | 0.9998 | 2.2065 | 0.0002 | 3.2065 | 0 | 0.0385 | -0.001 | 0.0375 |
| 1521 | 11.7 | 11.9 | 0.9997 | 2.2059 | 0.0002 | 3.2058 | -0.0009 | 0.0426 | -0.0011 | 0.0406 |
| 1522 | 11.7 | 11.9 | 0.9997 | 2.2058 | 0.0002 | 3.2057 | 0 | 0.041 | -0.0018 | 0.0391 |
| 1523 | 11.7 | 11.9 | 0.9997 | 2.2057 | 0.0002 | 3.2056 | 0 | 0.0494 | -0.001 | 0.0484 |
| 1524 | 12.1 | 11.9 | 0.9997 | 2.2055 | 0.0001 | 3.2053 | 0 | 0.0531 | -0.001 | 0.0521 |
| 1525 | 12 | 11.8 | 0.9997 | 2.2054 | 0.0001 | 3.2052 | 0 | 0.0621 | -0.001 | 0.0611 |
| 1526 | 12.1 | 11.8 | 0.9998 | 2.2051 | 0.0001 | 3.205 | -0.0004 | 0.063 | -0.0006 | 0.062 |
| 1527 | 12.6 | 11.8 | 0.9997 | 2.2059 | 0.0001 | 3.2057 | -0.001 | 0.0674 | -0.0004 | 0.0661 |
| 1528 | 12.5 | 11.8 | 0.9997 | 2.2064 | 0.0001 | 3.2062 | -0.0006 | 0.0628 | -0.001 | 0.0611 |
| 1529 | 11.5 | 11.8 | 0.9997 | 2.2066 | 0.0002 | 3.2065 | 0.0009 | 0.0576 | -0.001 | 0.0575 |
| 1530 | 11.7 | 11.8 | 0.9998 | 2.2067 | 0.0002 | 3.2067 | 0.0001 | 0.0593 | -0.0005 | 0.0588 |
| 1531 | 11.9 | 11.8 | 0.9998 | 2.2068 | 0.0002 | 3.2068 | 0 | 0.0614 | -0.0004 | 0.061 |
| 1532 | 11.5 | 11.7 | 0.9998 | 2.2062 | 0.0002 | 3.2062 | 0 | 0.0583 | 0 | 0.0583 |
| 1533 | 11.4 | 11.7 | 0.9998 | 2.2056 | 0.0002 | 3.2056 | 0 | 0.058 | 0 | 0.058 |
| 1534 | 11.4 | 11.7 | 0.9998 | 2.2051 | 0.0002 | 3.2051 | 0 | 0.0566 | 0.0005 | 0.0571 |
| 1535 | 11.5 | 11.7 | 0.9998 | 2.2052 | 0.0002 | 3.2052 | -0.0006 | 0.0596 | 0.001 | 0.06 |
| 1536 | 11 | 11.6 | 0.9997 | 2.2052 | 0.0002 | 3.2051 | -0.0004 | 0.0604 | 0.001 | 0.0609 |
| 1537 | 11.5 | 11.5 | 0.9997 | 2.2053 | 0.0002 | 3.2053 | 0.0001 | 0.0578 | 0.001 | 0.0589 |
| 1538 | 11.8 | 11.5 | 0.9998 | 2.2057 | 0.0002 | 3.2057 | 0.001 | 0.0571 | 0.0009 | 0.0589 |
| 1539 | 11.7 | 11.5 | 0.9998 | 2.2056 | 0.0002 | 3.2056 | 0.001 | 0.0509 | 0 | 0.0519 |
| 1540 | 11.6 | 11.5 | 0.9998 | 2.2057 | 0.0002 | 3.2057 | 0.001 | 0.0527 | -0.0007 | 0.053 |
| 1541 | 11.3 | 11.4 | 0.9998 | 2.206 | 0.0002 | 3.206 | 0.001 | 0.0591 | 0 | 0.0601 |
| 1542 | 11.2 | 11.4 | 0.9998 | 2.2059 | 0.0002 | 3.2059 | 0.001 | 0.0572 | 0.0002 | 0.0585 |
| 1543 | 11.6 | 11.4 | 0.9998 | 2.2061 | 0.0002 | 3.2061 | 0.001 | 0.0583 | 0.0009 | 0.0602 |
| 1544 | 11.7 | 11.5 | 0.9998 | 2.2062 | 0.0002 | 3.2062 | 0.0005 | 0.0596 | 0.001 | 0.0611 |
| 1545 | 11.3 | 11.5 | 0.9998 | 2.2058 | 0.0002 | 3.2058 | 0.0005 | 0.0615 | 0.001 | 0.063 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1546 | 11 | 11.5 | 0.9998 | 2.2055 | 0.0002 | 3.2055 | 0.001 | 0.0631 | 0.001 | 0.0651 |
| 1547 | 11.6 | 11.5 | 0.9998 | 2.2056 | 0.0002 | 3.2056 | 0.001 | 0.064 | 0.001 | 0.066 |
| 1548 | 11.9 | 11.5 | 0.9998 | 2.2049 | 0.0002 | 3.2049 | 0.001 | 0.0644 | 0.0009 | 0.0663 |
| 1549 | 11.2 | 11.5 | 0.9998 | 2.2049 | 0.0002 | 3.2049 | 0.001 | 0.0687 | 0.0001 | 0.0698 |
| 1550 | 11 | 11.6 | 0.9998 | 2.205 | 0.0001 | 3.2049 | 0.0003 | 0.0776 | 0.0002 | 0.0781 |
| 1551 | 11.7 | 11.6 | 0.9998 | 2.2054 | 0.0002 | 3.2054 | 0.0007 | 0.0736 | -0.001 | 0.0732 |
| 1552 | 11.6 | 11.6 | 0.9998 | 2.2054 | 0.0002 | 3.2054 | 0.0003 | 0.0713 | -0.0009 | 0.0707 |
| 1553 | 12.1 | 11.5 | 0.9998 | 2.2055 | 0.0002 | 3.2055 | 0.0008 | 0.0624 | 0 | 0.0631 |
| 1554 | 12 | 11.5 | 0.9998 | 2.2055 | 0.0002 | 3.2055 | 0.001 | 0.0571 | -0.001 | 0.0571 |
| 1555 | 11.7 | 11.6 | 0.9998 | 2.2051 | 0.0002 | 3.2051 | 0.0001 | 0.0506 | -0.001 | 0.0498 |
| 1556 | 11.5 | 11.6 | 0.9998 | 2.205 | 0.0002 | 3.205 | 0 | 0.0501 | -0.0009 | 0.0492 |
| 1557 | 11.6 | 11.5 | 0.9998 | 2.2054 | 0.0002 | 3.2054 | 0 | 0.0511 | 0 | 0.0511 |
| 1558 | 12 | 11.5 | 0.9998 | 2.2056 | 0.0002 | 3.2056 | 0 | 0.0499 | 0 | 0.0499 |
| 1559 | 11.7 | 11.5 | 0.9998 | 2.2056 | 0.0001 | 3.2055 | 0.0009 | 0.0481 | 0 | 0.049 |
| 1560 | 11.4 | 11.5 | 0.9998 | 2.2053 | 0.0001 | 3.2052 | 0.001 | 0.0513 | 0 | 0.0523 |
| 1561 | 11.3 | 11.5 | 0.9998 | 2.2049 | 0.0001 | 3.2048 | -0.0001 | 0.063 | 0.0009 | 0.0638 |
| 1562 | 11.2 | 11.5 | 0.9998 | 2.2049 | 0.0002 | 3.2048 | -0.001 | 0.0697 | 0.001 | 0.0697 |
| 1563 | 11.5 | 11.4 | 0.9998 | 2.2049 | 0.0002 | 3.2049 | -0.001 | 0.0693 | 0 | 0.0683 |
| 1564 | 11.5 | 11.4 | 0.9998 | 2.2049 | 0.0002 | 3.2049 | 0 | 0.083 | 0.001 | 0.084 |
| 1565 | 11.4 | 11.3 | 0.9998 | 2.205 | 0.0002 | 3.205 | 0 | 0.0914 | 0 | 0.0914 |
| 1566 | 10.8 | 11.3 | 0.9998 | 2.2052 | 0.0002 | 3.2052 | 0 | 0.0856 | 0.001 | 0.0866 |
| 1567 | 11.3 | 11.3 | 0.9997 | 2.205 | 0.0002 | 3.2049 | 0.0004 | 0.0772 | 0.001 | 0.0786 |
| 1568 | 11.2 | 11.3 | 0.9998 | 2.2052 | 0.0002 | 3.2051 | 0.001 | 0.086 | 0.001 | 0.0879 |
| 1569 | 11.2 | 11.2 | 0.9998 | 2.2048 | 0.0002 | 3.2048 | 0.001 | 0.0873 | 0 | 0.0883 |
| 1570 | 11.1 | 11.2 | 0.9998 | 2.2045 | 0.0002 | 3.2045 | 0.001 | 0.0756 | 0.001 | 0.0776 |
| 1571 | 11.2 | 11.2 | 0.9998 | 2.2046 | 0.0002 | 3.2046 | 0.001 | 0.0679 | 0.001 | 0.0699 |
| 1572 | 11.2 | 11.2 | 0.9998 | 2.2042 | 0.0002 | 3.2042 | 0.0003 | 0.0574 | 0.001 | 0.0587 |
| 1573 | 10.8 | 11.2 | 0.9998 | 2.2039 | 0.0002 | 3.2039 | -0.0002 | 0.0591 | 0.0008 | 0.0597 |
| 1574 | 10.8 | 11.2 | 0.9998 | 2.2033 | 0.0002 | 3.2033 | -0.0008 | 0.0608 | 0.0002 | 0.0601 |
| 1575 | 11.6 | 11.2 | 0.9998 | 2.203 | 0.0002 | 3.203 | 0 | 0.0592 | 0.0002 | 0.0594 |
| 1576 | 11.2 | 11.2 | 0.9998 | 2.2025 | 0.0002 | 3.2025 | -0.0002 | 0.0581 | 0 | 0.0579 |
| 1577 | 11.2 | 11.2 | 0.9998 | 2.2026 | 0.0002 | 3.2026 | 0 | 0.0556 | 0 | 0.0555 |
| 1578 | 11.1 | 11.2 | 0.9997 | 2.203 | 0.0002 | 3.2029 | -0.001 | 0.0652 | 0 | 0.0642 |
| 1579 | 11.2 | 11.2 | 0.9998 | 2.2026 | 0.0002 | 3.2026 | -0.001 | 0.0703 | 0 | 0.0693 |
| 1580 | 11.1 | 11.2 | 0.9998 | 2.2023 | 0.0002 | 3.2023 | -0.0009 | 0.07 | 0.0006 | 0.0697 |
| 1581 | 10.9 | 11.2 | 0.9998 | 2.2027 | 0.0001 | 3.2026 | 0 | 0.0697 | 0 | 0.0697 |
| 1582 | 11.5 | 11.2 | 0.9998 | 2.2029 | 0.0001 | 3.2028 | 0 | 0.0699 | 0 | 0.0699 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1583 | 11.6 | 11.3 | 0.9998 | 2.203 | 0.0001 | 3.2029 | 0 | 0.0609 | 0 | 0.0609 |
| 1584 | 11.4 | 11.3 | 0.9998 | 2.2028 | 0.0001 | 3.2027 | 0 | 0.0559 | 0 | 0.0559 |
| 1585 | 11.5 | 11.3 | 0.9998 | 2.2029 | 0.0001 | 3.2028 | 0 | 0.0546 | 0 | 0.0546 |
| 1586 | 11 | 11.3 | 0.9998 | 2.2031 | 0.0001 | 3.2029 | -0.0004 | 0.0612 | 0 | 0.0608 |
| 1587 | 11.2 | 11.4 | 0.9997 | 2.2029 | 0.0001 | 3.2027 | -0.001 | 0.0678 | 0 | 0.0668 |
| 1588 | 11.2 | 11.4 | 0.9997 | 2.2033 | 0.0002 | 3.2032 | -0.0005 | 0.0743 | 0 | 0.0738 |
| 1589 | 11.2 | 11.5 | 0.9997 | 2.2034 | 0.0002 | 3.2033 | 0 | 0.0801 | 0 | 0.0801 |
| 1590 | 11.4 | 11.5 | 0.9997 | 2.2031 | 0.0002 | 3.203 | 0 | 0.0889 | 0 | 0.0889 |
| 1591 | 11.5 | 11.6 | 0.9997 | 2.2031 | 0.0001 | 3.2029 | 0 | 0.0942 | 0 | 0.0942 |
| 1592 | 11.4 | 11.6 | 0.9997 | 2.2029 | 0.0001 | 3.2027 | 0 | 0.1013 | 0 | 0.1013 |
| 1593 | 11.4 | 11.7 | 0.9998 | 2.2026 | 0.0001 | 3.2025 | 0 | 0.0976 | 0 | 0.0976 |
| 1594 | 11.4 | 11.7 | 0.9997 | 2.2025 | 0.0001 | 3.2024 | 0 | 0.0959 | 0 | 0.0959 |
| 1595 | 11.9 | 11.8 | 0.9997 | 2.2024 | 0.0001 | 3.2022 | 0 | 0.0938 | 0 | 0.0938 |
| 1596 | 11.8 | 11.8 | 0.9997 | 2.2023 | 0.0001 | 3.2021 | 0 | 0.0851 | 0 | 0.0851 |
| 1597 | 11.9 | 11.9 | 0.9997 | 2.2022 | 0.0001 | 3.202 | 0 | 0.0824 | 0 | 0.0824 |
| 1598 | 12.3 | 11.9 | 0.9997 | 2.2016 | 0.0001 | 3.2014 | 0.0007 | 0.0866 | 0 | 0.0873 |
| 1599 | 12.4 | 11.9 | 0.9998 | 2.2006 | 0.0002 | 3.2005 | 0.001 | 0.0803 | 0 | 0.0813 |
| 1600 | 12.1 | 11.9 | 0.9997 | 2.2006 | 0.0002 | 3.2006 | 0.0003 | 0.0836 | 0 | 0.0839 |
| 1601 | 12.1 | 11.8 | 0.9998 | 2.2008 | 0.0002 | 3.2008 | 0 | 0.0942 | -0.001 | 0.0932 |
| 1602 | 12.5 | 11.9 | 0.9997 | 2.201 | 0.0002 | 3.2009 | 0.0007 | 0.0995 | 0 | 0.1003 |
| 1603 | 12.6 | 11.9 | 0.9997 | 2.2012 | 0.0002 | 3.2011 | 0.001 | 0.0951 | 0 | 0.0961 |
| 1604 | 11.9 | 11.9 | 0.9998 | 2.2015 | 0.0002 | 3.2014 | 0.001 | 0.0993 | 0 | 0.1003 |
| 1605 | 12 | 11.8 | 0.9998 | 2.2018 | 0.0002 | 3.2018 | 0.001 | 0.1008 | 0 | 0.1018 |
| 1606 | 12.2 | 11.8 | 0.9998 | 2.2015 | 0.0002 | 3.2015 | 0.001 | 0.0975 | 0 | 0.0985 |
| 1607 | 11.4 | 11.8 | 0.9998 | 2.2014 | 0.0002 | 3.2014 | 0.0004 | 0.0934 | 0 | 0.0938 |
| 1608 | 11.3 | 11.8 | 0.9997 | 2.2016 | 0.0002 | 3.2015 | 0 | 0.0911 | 0 | 0.0911 |
| 1609 | 11.5 | 11.7 | 0.9997 | 2.2011 | 0.0002 | 3.201 | 0 | 0.0894 | 0 | 0.0894 |
| 1610 | 10.9 | 11.7 | 0.9998 | 2.1999 | 0.0001 | 3.1998 | 0 | 0.0902 | -0.0006 | 0.0896 |
| 1611 | 11.9 | 11.7 | 0.9998 | 2.1995 | 0.0001 | 3.1994 | 0 | 0.0907 | -0.001 | 0.0897 |
| 1612 | 11.9 | 11.6 | 0.9998 | 2.1997 | 0.0002 | 3.1997 | 0 | 0.0855 | -0.001 | 0.0845 |
| 1613 | 11.6 | 11.6 | 0.9997 | 2.199 | 0.0001 | 3.1988 | 0 | 0.0864 | -0.0003 | 0.0861 |
| 1614 | 10.7 | 11.6 | 0.9997 | 2.1984 | 0.0002 | 3.1983 | 0 | 0.0896 | 0 | 0.0896 |
| 1615 | 11 | 11.5 | 0.9997 | 2.1987 | 0.0001 | 3.1985 | 0 | 0.0891 | 0 | 0.0891 |
| 1616 | 11.4 | 11.5 | 0.9997 | 2.1991 | 0.0001 | 3.1989 | 0 | 0.0953 | 0.0009 | 0.0963 |
| 1617 | 12.1 | 11.5 | 0.9997 | 2.1982 | 0.0001 | 3.198 | 0.001 | 0.0946 | 0.001 | 0.0966 |
| 1618 | 11.6 | 11.5 | 0.9997 | 2.1983 | 0.0002 | 3.1982 | 0.0002 | 0.0906 | 0.001 | 0.0918 |
| 1619 | 12.1 | 11.5 | 0.9997 | 2.1993 | 0.0001 | 3.1991 | 0.0008 | 0.0976 | 0.001 | 0.0995 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1620 | 11.1 | 11.5 | 0.9997 | 2.1998 | 0.0001 | 3.1996 | 0.0001 | 0.0936 | 0.001 | 0.0947 |
| 1621 | 11.8 | 11.5 | 0.9997 | 2.2002 | 0.0001 | 3.2 | 0.0009 | 0.0921 | 0.001 | 0.094 |
| 1622 | 12 | 11.5 | 0.9997 | 2.1999 | 0.0001 | 3.1998 | 0 | 0.0919 | 0.001 | 0.0929 |
| 1623 | 11.4 | 11.5 | 0.9998 | 2.1996 | 0.0002 | 3.1996 | 0.001 | 0.0935 | 0.001 | 0.0955 |
| 1624 | 10.9 | 11.6 | 0.9997 | 2.1996 | 0.0001 | 3.1994 | 0.001 | 0.0904 | 0.001 | 0.0924 |
| 1625 | 11.4 | 11.6 | 0.9997 | 2.1996 | 0.0001 | 3.1994 | 0.001 | 0.086 | 0.001 | 0.088 |
| 1626 | 11.1 | 11.6 | 0.9998 | 2.1996 | 0.0001 | 3.1995 | 0.0008 | 0.079 | 0.001 | 0.0808 |
| 1627 | 11.3 | 11.6 | 0.9998 | 2.1994 | 0.0001 | 3.1993 | 0 | 0.0734 | 0.001 | 0.0744 |
| 1628 | 11.5 | 11.6 | 0.9998 | 2.1994 | 0.0001 | 3.1993 | 0.0001 | 0.0751 | 0.001 | 0.0763 |
| 1629 | 11.6 | 11.6 | 0.9998 | 2.1996 | 0.0001 | 3.1995 | 0.0001 | 0.0809 | 0.001 | 0.082 |
| 1630 | 11.5 | 11.6 | 0.9998 | 2.1998 | 0.0002 | 3.1998 | 0.0009 | 0.0793 | 0.001 | 0.0812 |
| 1631 | 11.8 | 11.6 | 0.9998 | 2.1998 | 0.0002 | 3.1998 | 0.0007 | 0.0767 | 0.001 | 0.0784 |
| 1632 | 12 | 11.6 | 0.9998 | 2.2001 | 0.0002 | 3.2001 | 0.0002 | 0.0826 | 0 | 0.0829 |
| 1633 | 12 | 11.7 | 0.9998 | 2.2 | 0.0002 | 3.2 | 0.001 | 0.0864 | 0 | 0.0874 |
| 1634 | 12.1 | 11.7 | 0.9998 | 2.1996 | 0.0002 | 3.1996 | 0.0007 | 0.0871 | -0.0003 | 0.0875 |
| 1635 | 11.7 | 11.7 | 0.9998 | 2.1991 | 0.0002 | 3.1991 | 0 | 0.0884 | -0.001 | 0.0874 |
| 1636 | 11.4 | 11.7 | 0.9998 | 2.1984 | 0.0002 | 3.1984 | 0 | 0.0919 | -0.001 | 0.0909 |
| 1637 | 11.6 | 11.8 | 0.9998 | 2.1979 | 0.0002 | 3.1979 | 0.0002 | 0.095 | -0.001 | 0.0942 |
| 1638 | 11.6 | 11.8 | 0.9998 | 2.1976 | 0.0002 | 3.1976 | -0.0004 | 0.0894 | -0.0009 | 0.0882 |
| 1639 | 11.8 | 11.8 | 0.9998 | 2.1967 | 0.0002 | 3.1967 | -0.001 | 0.0906 | 0 | 0.0896 |
| 1640 | 11.8 | 11.8 | 0.9998 | 2.1963 | 0.0002 | 3.1963 | -0.0006 | 0.0901 | 0.0004 | 0.0899 |
| 1641 | 12.2 | 11.8 | 0.9998 | 2.1958 | 0.0002 | 3.1958 | -0.0004 | 0.0906 | 0.0007 | 0.0909 |
| 1642 | 11.9 | 11.8 | 0.9998 | 2.1962 | 0.0002 | 3.1962 | -0.001 | 0.0883 | -0.0003 | 0.087 |
| 1643 | 11.9 | 11.8 | 0.9998 | 2.1965 | 0.0002 | 3.1965 | -0.001 | 0.089 | -0.001 | 0.087 |
| 1644 | 11.5 | 11.8 | 0.9998 | 2.1968 | 0.0002 | 3.1968 | -0.0002 | 0.0895 | -0.001 | 0.0883 |
| 1645 | 11.4 | 11.8 | 0.9998 | 2.1972 | 0.0002 | 3.1972 | 0.0001 | 0.0885 | -0.0007 | 0.0879 |
| 1646 | 12.1 | 11.8 | 0.9998 | 2.1973 | 0.0002 | 3.1973 | -0.001 | 0.0897 | 0 | 0.0887 |
| 1647 | 11.8 | 11.8 | 0.9997 | 2.1969 | 0.0002 | 3.1968 | -0.001 | 0.094 | 0 | 0.093 |
| 1648 | 11.9 | 11.9 | 0.9997 | 2.1969 | 0.0002 | 3.1968 | -0.0005 | 0.0929 | 0 | 0.0924 |
| 1649 | 12.1 | 11.9 | 0.9998 | 2.1965 | 0.0002 | 3.1965 | 0 | 0.0857 | 0 | 0.0857 |
| 1650 | 11.8 | 11.9 | 0.9998 | 2.1956 | 0.0002 | 3.1956 | 0.0003 | 0.0774 | 0.0007 | 0.0784 |
| 1651 | 11.9 | 11.9 | 0.9997 | 2.1954 | 0.0002 | 3.1954 | -0.0007 | 0.0825 | 0.0006 | 0.0825 |
| 1652 | 11.9 | 12 | 0.9997 | 2.1959 | 0.0002 | 3.1958 | -0.0003 | 0.0877 | 0 | 0.0875 |
| 1653 | 11.7 | 12 | 0.9997 | 2.1955 | 0.0002 | 3.1954 | -0.0008 | 0.0933 | 0 | 0.0926 |
| 1654 | 11.7 | 12 | 0.9997 | 2.1955 | 0.0002 | 3.1954 | -0.0005 | 0.0948 | 0 | 0.0942 |
| 1655 | 11.7 | 12.1 | 0.9997 | 2.1953 | 0.0002 | 3.1952 | 0.0009 | 0.0986 | 0 | 0.0994 |
| 1656 | 12 | 12.1 | 0.9998 | 2.1957 | 0.0002 | 3.1957 | 0.001 | 0.1069 | 0.0005 | 0.1085 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1657 | 12.1 | 12.1 | 0.9998 | 2.1963 | 0.0002 | 3.1963 | 0.001 | 0.1093 | 0.001 | 0.1113 |
| 1658 | 12 | 12.1 | 0.9998 | 2.1966 | 0.0002 | 3.1966 | 0.0004 | 0.1152 | 0.001 | 0.1166 |
| 1659 | 12.6 | 12.1 | 0.9998 | 2.1965 | 0.0002 | 3.1965 | -0.0009 | 0.1191 | 0.0003 | 0.1186 |
| 1660 | 12.6 | 12.2 | 0.9998 | 2.1963 | 0.0002 | 3.1963 | -0.001 | 0.108 | 0 | 0.107 |
| 1661 | 12.6 | 12.2 | 0.9998 | 2.1964 | 0.0002 | 3.1964 | -0.0001 | 0.0934 | -0.0009 | 0.0924 |
| 1662 | 12.6 | 12.2 | 0.9998 | 2.1962 | 0.0002 | 3.1962 | 0 | 0.0909 | -0.001 | 0.0899 |
| 1663 | 12 | 12.3 | 0.9998 | 2.1959 | 0.0002 | 3.1959 | 0 | 0.0921 | 0 | 0.092 |
| 1664 | 12.2 | 12.3 | 0.9998 | 2.196 | 0.0002 | 3.196 | 0 | 0.088 | -0.001 | 0.0871 |
| 1665 | 12.3 | 12.3 | 0.9998 | 2.1954 | 0.0001 | 3.1954 | -0.001 | 0.078 | 0 | 0.077 |
| 1666 | 12.1 | 12.4 | 0.9997 | 2.1958 | 0.0001 | 3.1956 | -0.001 | 0.08 | -0.001 | 0.078 |
| 1667 | 12.3 | 12.4 | 0.9997 | 2.1959 | 0.0001 | 3.1957 | -0.001 | 0.0842 | -0.001 | 0.0822 |
| 1668 | 12.2 | 12.4 | 0.9997 | 2.1954 | 0.0001 | 3.1952 | -0.001 | 0.0762 | -0.001 | 0.0742 |
| 1669 | 12.5 | 12.4 | 0.9998 | 2.1954 | 0.0001 | 3.1953 | -0.001 | 0.0745 | 0 | 0.0735 |
| 1670 | 12.7 | 12.4 | 0.9997 | 2.1953 | 0.0001 | 3.1951 | -0.001 | 0.0855 | -0.001 | 0.0835 |
| 1671 | 12.2 | 12.3 | 0.9998 | 2.1954 | 0.0001 | 3.1953 | -0.001 | 0.0956 | -0.001 | 0.0936 |
| 1672 | 12.5 | 12.3 | 0.9997 | 2.1948 | 0.0001 | 3.1946 | -0.001 | 0.1021 | -0.001 | 0.1001 |
| 1673 | 12.6 | 12.3 | 0.9997 | 2.1949 | 0.0001 | 3.1947 | -0.0008 | 0.0968 | -0.0008 | 0.0952 |
| 1674 | 12.1 | 12.3 | 0.9997 | 2.1947 | 0.0001 | 3.1945 | -0.0002 | 0.094 | -0.0002 | 0.0936 |
| 1675 | 12.9 | 12.3 | 0.9997 | 2.1951 | 0.0001 | 3.1949 | -0.001 | 0.0929 | -0.001 | 0.0909 |
| 1676 | 12.5 | 12.2 | 0.9998 | 2.1952 | 0.0001 | 3.1951 | -0.0008 | 0.094 | -0.001 | 0.0922 |
| 1677 | 12 | 12.2 | 0.9998 | 2.1951 | 0.0001 | 3.195 | 0 | 0.0931 | -0.001 | 0.0921 |
| 1678 | 12.2 | 12.2 | 0.9997 | 2.1949 | 0.0001 | 3.1947 | 0 | 0.0939 | -0.001 | 0.0929 |
| 1679 | 12.4 | 12.1 | 0.9997 | 2.1947 | 0.0001 | 3.1945 | 0 | 0.0921 | -0.001 | 0.0911 |
| 1680 | 12.1 | 12.1 | 0.9997 | 2.1946 | 0.0001 | 3.1945 | 0.0009 | 0.0941 | 0.0003 | 0.0953 |
| 1681 | 11.7 | 12.1 | 0.9998 | 2.1944 | 0.0001 | 3.1943 | 0.001 | 0.0956 | 0.0001 | 0.0967 |
| 1682 | 12.1 | 12.1 | 0.9997 | 2.1943 | 0.0001 | 3.1941 | 0.001 | 0.0939 | 0 | 0.0949 |
| 1683 | 11.9 | 12.1 | 0.9997 | 2.1943 | 0.0001 | 3.1941 | 0.001 | 0.0991 | 0.0001 | 0.1001 |
| 1684 | 12 | 12.1 | 0.9998 | 2.194 | 0.0002 | 3.194 | 0.0009 | 0.0998 | 0.001 | 0.1017 |
| 1685 | 11.5 | 12 | 0.9998 | 2.1937 | 0.0002 | 3.1937 | 0 | 0.1007 | 0.001 | 0.1017 |
| 1686 | 11.5 | 11.9 | 0.9998 | 2.1936 | 0.0002 | 3.1935 | 0 | 0.0908 | 0.001 | 0.0918 |
| 1687 | 12 | 11.9 | 0.9997 | 2.1939 | 0.0002 | 3.1939 | 0 | 0.0841 | 0.001 | 0.0851 |
| 1688 | 11.9 | 11.9 | 0.9998 | 2.1943 | 0.0002 | 3.1943 | 0 | 0.0835 | 0.001 | 0.0845 |
| 1689 | 12.4 | 11.8 | 0.9998 | 2.1944 | 0.0002 | 3.1943 | 0 | 0.083 | 0.001 | 0.084 |
| 1690 | 12.1 | 11.8 | 0.9997 | 2.194 | 0.0001 | 3.1939 | 0 | 0.0793 | 0.0006 | 0.0799 |
| 1691 | 11.8 | 11.8 | 0.9998 | 2.1942 | 0.0001 | 3.1942 | 0 | 0.0773 | 0 | 0.0773 |
| 1692 | 12 | 11.8 | 0.9998 | 2.194 | 0.0002 | 3.194 | 0 | 0.0814 | 0 | 0.0814 |
| 1693 | 12 | 11.8 | 0.9998 | 2.1937 | 0.0002 | 3.1937 | 0 | 0.0864 | 0 | 0.0864 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1694 | 11.6 | 11.8 | 0.9997 | 2.1937 | 0.0002 | 3.1936 | 0 | 0.0879 | 0 | 0.0879 |
| 1695 | 11.2 | 11.9 | 0.9998 | 2.1934 | 0.0001 | 3.1933 | 0 | 0.0951 | 0 | 0.0951 |
| 1696 | 11.4 | 11.9 | 0.9998 | 2.1929 | 0.0001 | 3.1928 | 0 | 0.099 | 0 | 0.099 |
| 1697 | 11.6 | 11.9 | 0.9998 | 2.1929 | 0.0001 | 3.1928 | 0 | 0.104 | 0 | 0.104 |
| 1698 | 11.8 | 12 | 0.9997 | 2.193 | 0.0001 | 3.1928 | -0.0007 | 0.1047 | 0 | 0.104 |
| 1699 | 11.8 | 12 | 0.9997 | 2.1929 | 0.0001 | 3.1927 | -0.001 | 0.1156 | 0 | 0.1146 |
| 1700 | 11.9 | 11.9 | 0.9998 | 2.1924 | 0.0001 | 3.1923 | -0.0003 | 0.1134 | 0 | 0.1131 |
| 1701 | 12.1 | 11.9 | 0.9998 | 2.192 | 0.0002 | 3.192 | 0 | 0.1018 | 0 | 0.1018 |
| 1702 | 12.1 | 11.9 | 0.9998 | 2.1916 | 0.0002 | 3.1916 | -0.0007 | 0.1063 | 0 | 0.1055 |
| 1703 | 12.1 | 11.9 | 0.9998 | 2.1917 | 0.0002 | 3.1916 | -0.001 | 0.1084 | 0.0002 | 0.1076 |
| 1704 | 12 | 11.9 | 0.9997 | 2.1916 | 0.0002 | 3.1915 | -0.001 | 0.1033 | 0.001 | 0.1033 |
| 1705 | 12.3 | 11.9 | 0.9997 | 2.1911 | 0.0001 | 3.1909 | -0.001 | 0.106 | 0.0007 | 0.1057 |
| 1706 | 12.5 | 11.9 | 0.9997 | 2.1906 | 0.0001 | 3.1904 | -0.001 | 0.1051 | 0 | 0.1041 |
| 1707 | 12.5 | 11.9 | 0.9998 | 2.1899 | 0.0001 | 3.1898 | -0.0004 | 0.109 | 0 | 0.1086 |
| 1708 | 12.5 | 11.9 | 0.9998 | 2.1897 | 0.0002 | 3.1896 | 0.0005 | 0.111 | 0.0005 | 0.112 |
| 1709 | 11.7 | 11.8 | 0.9998 | 2.1903 | 0.0002 | 3.1903 | 0.001 | 0.1105 | 0.001 | 0.1125 |
| 1710 | 11.6 | 11.8 | 0.9998 | 2.1905 | 0.0002 | 3.1905 | 0.0003 | 0.1068 | 0.0003 | 0.1075 |
| 1711 | 11.7 | 11.8 | 0.9998 | 2.1904 | 0.0002 | 3.1904 | 0 | 0.1026 | 0 | 0.1026 |
| 1712 | 11.3 | 11.8 | 0.9998 | 2.1905 | 0.0002 | 3.1905 | 0.0008 | 0.1069 | 0 | 0.1077 |
| 1713 | 11.9 | 11.8 | 0.9997 | 2.1902 | 0.0002 | 3.1901 | 0.0001 | 0.1062 | 0 | 0.1064 |
| 1714 | 11.2 | 11.8 | 0.9998 | 2.1906 | 0.0002 | 3.1906 | 0 | 0.1071 | 0 | 0.1071 |
| 1715 | 11.3 | 11.8 | 0.9998 | 2.1907 | 0.0002 | 3.1907 | 0 | 0.1109 | 0 | 0.1109 |
| 1716 | 11.4 | 11.8 | 0.9998 | 2.1907 | 0.0002 | 3.1907 | 0.0001 | 0.1018 | -0.0009 | 0.101 |
| 1717 | 11.5 | 11.8 | 0.9998 | 2.1906 | 0.0002 | 3.1906 | 0 | 0.1097 | -0.001 | 0.1087 |
| 1718 | 11.4 | 11.8 | 0.9998 | 2.1909 | 0.0002 | 3.1909 | -0.0002 | 0.1087 | -0.001 | 0.1075 |
| 1719 | 11.5 | 11.9 | 0.9998 | 2.1908 | 0.0002 | 3.1908 | -0.0007 | 0.0993 | -0.001 | 0.0976 |
| 1720 | 12 | 11.9 | 0.9998 | 2.1902 | 0.0002 | 3.1902 | 0.0009 | 0.0999 | -0.001 | 0.0999 |
| 1721 | 12 | 12 | 0.9998 | 2.19 | 0.0002 | 3.19 | 0.0001 | 0.0991 | -0.0006 | 0.0986 |
| 1722 | 11.6 | 12 | 0.9998 | 2.1903 | 0.0002 | 3.1903 | 0.001 | 0.0995 | 0 | 0.1005 |
| 1723 | 12.3 | 12 | 0.9998 | 2.1902 | 0.0002 | 3.1902 | 0 | 0.0907 | 0 | 0.0907 |
| 1724 | 12.6 | 12.1 | 0.9998 | 2.1903 | 0.0002 | 3.1903 | 0 | 0.0884 | 0 | 0.0884 |
| 1725 | 12.7 | 12.1 | 0.9998 | 2.1902 | 0.0002 | 3.1902 | 0 | 0.0871 | 0 | 0.0871 |
| 1726 | 12.8 | 12.2 | 0.9998 | 2.1902 | 0.0002 | 3.1902 | 0.0002 | 0.0962 | 0 | 0.0964 |
| 1727 | 12.4 | 12.2 | 0.9998 | 2.19 | 0.0002 | 3.19 | 0.0001 | 0.0988 | 0 | 0.0989 |
| 1728 | 12.3 | 12.3 | 0.9998 | 2.1902 | 0.0002 | 3.1902 | -0.0001 | 0.0997 | 0 | 0.0995 |
| 1729 | 12.3 | 12.3 | 0.9997 | 2.1902 | 0.0001 | 3.19 | -0.001 | 0.1008 | 0 | 0.0998 |
| 1730 | 12.9 | 12.3 | 0.9997 | 2.1902 | 0.0002 | 3.1901 | -0.001 | 0.1047 | -0.0001 | 0.1036 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1731 | 12 | 12.3 | 0.9997 | 2.1904 | 0.0002 | 3.1903 | -0.0005 | 0.1021 | -0.001 | 0.1005 |
| 1732 | 12 | 12.3 | 0.9997 | 2.1902 | 0.0002 | 3.1901 | 0.0005 | 0.1023 | -0.001 | 0.1018 |
| 1733 | 12.6 | 12.3 | 0.9997 | 2.19 | 0.0001 | 3.1898 | -0.001 | 0.1026 | -0.001 | 0.1006 |
| 1734 | 11.8 | 12.3 | 0.9998 | 2.1896 | 0.0001 | 3.1895 | -0.0007 | 0.1076 | -0.0007 | 0.1062 |
| 1735 | 12.3 | 12.3 | 0.9998 | 2.19 | 0.0001 | 3.1899 | 0 | 0.1076 | 0 | 0.1076 |
| 1736 | 12.6 | 12.3 | 0.9998 | 2.19 | 0.0001 | 3.1899 | 0 | 0.1045 | 0 | 0.1045 |
| 1737 | 12 | 12.3 | 0.9998 | 2.1896 | 0.0001 | 3.1895 | -0.0003 | 0.1 | 0 | 0.0997 |
| 1738 | 12.1 | 12.2 | 0.9998 | 2.1893 | 0.0001 | 3.1892 | -0.0006 | 0.1076 | 0 | 0.107 |
| 1739 | 12.2 | 12.2 | 0.9998 | 2.1888 | 0.0001 | 3.1887 | 0 | 0.1105 | 0.0008 | 0.1113 |
| 1740 | 12.1 | 12.2 | 0.9998 | 2.1886 | 0.0002 | 3.1886 | -0.0004 | 0.1134 | -0.0002 | 0.1128 |
| 1741 | 12 | 12.2 | 0.9998 | 2.1877 | 0.0002 | 3.1877 | -0.0006 | 0.1195 | -0.001 | 0.1179 |
| 1742 | 11.9 | 12.2 | 0.9998 | 2.1875 | 0.0002 | 3.1875 | 0.0009 | 0.1269 | -0.0007 | 0.1271 |
| 1743 | 12.6 | 12.2 | 0.9998 | 2.1877 | 0.0002 | 3.1877 | 0.001 | 0.1294 | 0.001 | 0.1314 |
| 1744 | 12.4 | 12.2 | 0.9998 | 2.1873 | 0.0002 | 3.1873 | 0.0007 | 0.1282 | 0.001 | 0.1299 |
| 1745 | 12 | 12.2 | 0.9998 | 2.1873 | 0.0002 | 3.1873 | 0.0003 | 0.1354 | 0.0007 | 0.1364 |
| 1746 | 12.4 | 12.2 | 0.9998 | 2.1869 | 0.0002 | 3.1869 | 0.001 | 0.1277 | 0 | 0.1287 |
| 1747 | 12.2 | 12.2 | 0.9998 | 2.1864 | 0.0002 | 3.1864 | 0.001 | 0.1253 | 0 | 0.1263 |
| 1748 | 12.1 | 12.2 | 0.9998 | 2.1853 | 0.0002 | 3.1853 | 0.0005 | 0.1261 | 0 | 0.1267 |
| 1749 | 12.2 | 12.2 | 0.9998 | 2.1852 | 0.0002 | 3.1852 | 0 | 0.1289 | -0.0004 | 0.1285 |
| 1750 | 12.5 | 12.2 | 0.9998 | 2.1854 | 0.0002 | 3.1854 | 0.0004 | 0.1281 | -0.0005 | 0.128 |
| 1751 | 12.3 | 12.2 | 0.9998 | 2.1848 | 0.0002 | 3.1848 | 0.001 | 0.1231 | 0.0004 | 0.1245 |
| 1752 | 12.2 | 12.2 | 0.9998 | 2.185 | 0.0002 | 3.185 | 0.001 | 0.1207 | 0.001 | 0.1227 |
| 1753 | 11.6 | 12.2 | 0.9998 | 2.1852 | 0.0001 | 3.1851 | 0.001 | 0.1178 | 0.001 | 0.1198 |
| 1754 | 12.1 | 12.2 | 0.9998 | 2.1849 | 0.0001 | 3.1848 | 0.0006 | 0.1196 | 0.001 | 0.1212 |
| 1755 | 12.1 | 12.2 | 0.9998 | 2.1848 | 0.0002 | 3.1848 | 0 | 0.1201 | 0.001 | 0.1211 |
| 1756 | 12.3 | 12.2 | 0.9998 | 2.1848 | 0.0002 | 3.1848 | 0 | 0.1159 | 0.0005 | 0.1163 |
| 1757 | 12.4 | 12.2 | 0.9997 | 2.1852 | 0.0001 | 3.1851 | 0 | 0.112 | 0 | 0.112 |
| 1758 | 12 | 12.2 | 0.9997 | 2.1856 | 0.0001 | 3.1854 | 0.0007 | 0.1055 | 0 | 0.1062 |
| 1759 | 12.4 | 12.2 | 0.9998 | 2.1859 | 0.0002 | 3.1858 | 0.0011 | 0.1042 | 0.0007 | 0.106 |
| 1760 | 12.6 | 12.2 | 0.9998 | 2.186 | 0.0002 | 3.186 | 0.0011 | 0.1128 | 0.0011 | 0.115 |
| 1761 | 11.6 | 12.2 | 0.9997 | 2.1857 | 0.0002 | 3.1856 | 0.0011 | 0.1161 | 0.0011 | 0.1183 |
| 1762 | 12.3 | 12.2 | 0.9998 | 2.1856 | 0.0002 | 3.1856 | 0.0011 | 0.1162 | 0.0011 | 0.1184 |
| 1763 | 12.6 | 12.3 | 0.9998 | 2.1852 | 0.0002 | 3.1852 | 0.0011 | 0.1183 | 0.0011 | 0.1206 |
| 1764 | 12.2 | 12.3 | 0.9998 | 2.1849 | 0.0002 | 3.1849 | 0 | 0.1164 | 0.0011 | 0.1176 |
| 1765 | 12.7 | 12.4 | 0.9998 | 2.1853 | 0.0002 | 3.1853 | 0.0012 | 0.1224 | 0.0012 | 0.1247 |
| 1766 | 11.9 | 12.4 | 0.9997 | 2.1848 | 0.0002 | 3.1847 | 0.0012 | 0.125 | 0.0012 | 0.1273 |
| 1767 | 12.3 | 12.3 | 0.9997 | 2.185 | 0.0002 | 3.185 | 0.0012 | 0.126 | 0.0012 | 0.1284 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1768 | 12.1 | 12.4 | 0.9998 | 2.1855 | 0.0002 | 3.1854 | 0.0012 | 0.1265 | 0.0012 | 0.1289 |
| 1769 | 12.7 | 12.4 | 0.9997 | 2.1854 | 0.0002 | 3.1853 | 0.0012 | 0.1316 | 0.0012 | 0.134 |
| 1770 | 12.4 | 12.4 | 0.9997 | 2.1854 | 0.0002 | 3.1853 | 0.0012 | 0.1323 | 0.0012 | 0.1347 |
| 1771 | 12.2 | 12.4 | 0.9997 | 2.1855 | 0.0001 | 3.1853 | 0.0013 | 0.1265 | 0.0012 | 0.129 |
| 1772 | 12.8 | 12.5 | 0.9997 | 2.1857 | 0.0001 | 3.1855 | 0.0013 | 0.125 | 0.0013 | 0.1276 |
| 1773 | 12.8 | 12.5 | 0.9997 | 2.186 | 0.0001 | 3.1858 | 0.0013 | 0.1304 | 0.0013 | 0.133 |
| 1774 | 12.4 | 12.5 | 0.9997 | 2.186 | 0.0001 | 3.1858 | 0.0013 | 0.1315 | 0.0013 | 0.1341 |
| 1775 | 12.6 | 12.5 | 0.9997 | 2.1855 | 0.0001 | 3.1853 | 0.0013 | 0.1346 | 0.0013 | 0.1372 |
| 1776 | 11.8 | 12.5 | 0.9998 | 2.1853 | 0.0001 | 3.1852 | 0.0013 | 0.1349 | 0.0013 | 0.1376 |
| 1777 | 12.3 | 12.5 | 0.9998 | 2.1851 | 0.0001 | 3.185 | 0.0014 | 0.1373 | 0.0014 | 0.14 |
| 1778 | 12.9 | 12.6 | 0.9998 | 2.1848 | 0.0001 | 3.1847 | 0.0014 | 0.1357 | 0.0014 | 0.1385 |
| 1779 | 12.4 | 12.6 | 0.9998 | 2.1842 | 0.0001 | 3.1841 | 0.0014 | 0.1399 | 0.0014 | 0.1427 |
| 1780 | 12.7 | 12.6 | 0.9998 | 2.1844 | 0.0002 | 3.1844 | 0.0001 | 0.1426 | 0.0001 | 0.1428 |
| 1781 | 12.7 | 12.6 | 0.9997 | 2.1842 | 0.0002 | 3.1841 | 0 | 0.1446 | 0.0013 | 0.1459 |
| 1782 | 12.6 | 12.6 | 0.9998 | 2.184 | 0.0002 | 3.184 | 0 | 0.1495 | 0.0014 | 0.1509 |
| 1783 | 12.6 | 12.6 | 0.9998 | 2.1835 | 0.0002 | 3.1835 | 0 | 0.1488 | 0.0014 | 0.1501 |
| 1784 | 12.8 | 12.6 | 0.9998 | 2.1832 | 0.0002 | 3.1832 | 0.0002 | 0.1486 | 0 | 0.1488 |
| 1785 | 12.7 | 12.6 | 0.9998 | 2.1833 | 0.0002 | 3.1833 | 0.0015 | 0.1435 | 0 | 0.145 |
| 1786 | 12.9 | 12.6 | 0.9998 | 2.1836 | 0.0002 | 3.1836 | 0.0015 | 0.1532 | 0 | 0.1547 |
| 1787 | 12.7 | 12.6 | 0.9998 | 2.1832 | 0.0002 | 3.1832 | 0.0016 | 0.1554 | 0 | 0.157 |
| 1788 | 12.3 | 12.6 | 0.9998 | 2.1832 | 0.0001 | 3.1832 | 0.0016 | 0.1506 | 0 | 0.1521 |
| 1789 | 12.5 | 12.6 | 0.9998 | 2.183 | 0.0002 | 3.183 | 0.0016 | 0.1495 | 0 | 0.1511 |
| 1790 | 12.8 | 12.6 | 0.9998 | 2.1821 | 0.0002 | 3.1821 | 0.0016 | 0.1425 | 0.0006 | 0.1448 |
| 1791 | 13 | 12.6 | 0.9997 | 2.1815 | 0.0002 | 3.1815 | 0.0017 | 0.1419 | 0.0017 | 0.1452 |
| 1792 | 12.6 | 12.6 | 0.9997 | 2.181 | 0.0001 | 3.1808 | 0.0017 | 0.129 | 0.0017 | 0.1324 |
| 1793 | 12.3 | 12.6 | 0.9997 | 2.1809 | 0.0001 | 3.1807 | 0.0017 | 0.1287 | 0.0017 | 0.1322 |
| 1794 | 12.7 | 12.6 | 0.9997 | 2.1802 | 0.0001 | 3.18 | 0.0018 | 0.1334 | 0.0018 | 0.1369 |
| 1795 | 12.4 | 12.6 | 0.9997 | 2.1807 | 0.0001 | 3.1805 | 0.0018 | 0.1291 | 0.0018 | 0.1327 |
| 1796 | 12.4 | 12.5 | 0.9997 | 2.1804 | 0.0001 | 3.1802 | 0.0018 | 0.1322 | 0.0018 | 0.1358 |
| 1797 | 12.4 | 12.5 | 0.9997 | 2.1803 | 0.0001 | 3.1801 | 0.0019 | 0.1256 | 0.0019 | 0.1293 |
| 1798 | 12.5 | 12.5 | 0.9997 | 2.1802 | 0.0001 | 3.18 | 0.0019 | 0.1201 | 0.0019 | 0.1239 |
| 1799 | 12.8 | 12.6 | 0.9997 | 2.18 | 0.0002 | 3.1799 | 0.0019 | 0.1007 | 0.0019 | 0.1045 |
| 1800 | 12.4 | 12.4 | 0.9997 | 2.1801 | 0.0001 | 3.1799 | 0.002 | 0.1003 | 0.002 | 0.1042 |