| | |
|---|---|
| Test Name | **AL, PIR, rep 2** |
| Cladding | **Aluminium** |
| Cladding Thickness [mm] | **2** |
| Insulation | **Polyisocyanurate (PIR) 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 an Aluminium cladding panel and a Polyisocyanurate (PIR) foam insulation panel, separated with a cavity of 50 mm width. It is the second repetition of this system configuration. |
| Experiment Notes | At approximately 20 minutes the aluminium panel began to touch the insulation panel, affecting the mass measurements. |
| Peak HRR [kW] | **6.5** |
| Time to Peak HRR [mins] | **5.45** |
| Residual HRR [kW] | **1.81** |
| Total HR [MJ] | **0.271** |
| Peak dQ/dt [kW/s] | **0.174** |
| Time to Peak dQ/dt [s] | **0.98** |

| 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 | 0.124 | 0.124 | 3.1918 | 1.8575 | -0.0007 | 5.0485 | 0.0959 | 0.338 | -0.0058 | 0.4282 |
| 1 | 0.232 | 0.194 | 3.1903 | 1.8576 | -0.0006 | 5.0473 | 0.0978 | 0.3292 | -0.0078 | 0.4192 |
| 2 | 0.227 | 0.216 | 3.1891 | 1.8573 | -0.0009 | 5.0456 | 0.0973 | 0.3132 | -0.009 | 0.4014 |
| 3 | 0.155 | 0.341 | 3.1885 | 1.8559 | -0.0007 | 5.0437 | 0.0993 | 0.2928 | -0.007 | 0.3851 |
| 4 | 0.34 | 0.642 | 3.188 | 1.854 | -0.0008 | 5.0413 | 0.1092 | 0.2855 | -0.0027 | 0.3921 |
| 5 | 0.582 | 1.37 | 3.1877 | 1.8529 | -0.001 | 5.0397 | 0.112 | 0.2896 | -0.0013 | 0.4003 |
| 6 | 0.727 | 2.27 | 3.1877 | 1.8515 | -0.001 | 5.0381 | 0.1188 | 0.2849 | 0.0017 | 0.4054 |
| 7 | 1.15 | 3.29 | 3.1874 | 1.8498 | -0.0011 | 5.0361 | 0.1267 | 0.2777 | 0.0039 | 0.4083 |
| 8 | 2.24 | 4.27 | 3.1871 | 1.8493 | -0.001 | 5.0354 | 0.1291 | 0.2847 | 0.0023 | 0.4161 |
| 9 | 3.79 | 5.19 | 3.1866 | 1.8477 | -0.0011 | 5.0332 | 0.1409 | 0.2771 | 0.0044 | 0.4224 |
| 10 | 5.49 | 5.87 | 3.1869 | 1.8475 | -0.0012 | 5.0331 | 0.1435 | 0.2777 | 0.0076 | 0.4288 |
| 11 | 6.55 | 6.62 | 3.1867 | 1.8463 | -0.0013 | 5.0317 | 0.1375 | 0.2824 | 0.0087 | 0.4286 |
| 12 | 7.88 | 7.35 | 3.1866 | 1.8456 | -0.0014 | 5.0308 | 0.1296 | 0.281 | 0.0085 | 0.4191 |
| 13 | 9.56 | 8.06 | 3.1867 | 1.8452 | -0.0015 | 5.0304 | 0.1179 | 0.2765 | 0.0075 | 0.4019 |
| 14 | 10.4 | 8.77 | 3.1869 | 1.8446 | -0.0015 | 5.03 | 0.1088 | 0.2691 | 0.0077 | 0.3857 |
| 15 | 11.4 | 9.5 | 3.1871 | 1.8436 | -0.0014 | 5.0293 | 0.1021 | 0.2645 | 0.0082 | 0.3748 |
| 16 | 11.9 | 10.2 | 3.187 | 1.843 | -0.0013 | 5.0287 | 0.1007 | 0.257 | 0.0067 | 0.3644 |
| 17 | 12 | 10.8 | 3.1868 | 1.8432 | -0.0012 | 5.0288 | 0.0979 | 0.2554 | 0.0064 | 0.3598 |
| 18 | 13.9 | 11.4 | 3.1865 | 1.8434 | -0.0013 | 5.0287 | 0.0972 | 0.2602 | 0.0063 | 0.3637 |
| 19 | 13.1 | 11.9 | 3.1861 | 1.8432 | -0.0014 | 5.0278 | 0.104 | 0.2535 | 0.0062 | 0.3637 |
| 20 | 14.6 | 12.4 | 3.1849 | 1.8435 | -0.0015 | 5.0269 | 0.1045 | 0.2558 | 0.0065 | 0.3668 |
| 21 | 14.1 | 12.7 | 3.1853 | 1.8423 | -0.0017 | 5.0259 | 0.1079 | 0.2558 | 0.008 | 0.3716 |
| 22 | 13.6 | 12.9 | 3.1859 | 1.8425 | -0.002 | 5.0264 | 0.1106 | 0.2545 | 0.008 | 0.3731 |
| 23 | 13.9 | 13 | 3.1862 | 1.8422 | -0.0021 | 5.0263 | 0.1057 | 0.2506 | 0.0081 | 0.3644 |
| 24 | 14.4 | 13 | 3.1867 | 1.842 | -0.0021 | 5.0266 | 0.0983 | 0.2462 | 0.0085 | 0.3531 |
| 25 | 13.8 | 13 | 3.187 | 1.8416 | -0.0024 | 5.0262 | 0.0901 | 0.2483 | 0.0084 | 0.3468 |
| 26 | 13.2 | 13 | 3.1868 | 1.8417 | -0.0026 | 5.0258 | 0.0793 | 0.2463 | 0.0083 | 0.3339 |
| 27 | 14 | 12.9 | 3.1864 | 1.8414 | -0.0027 | 5.0251 | 0.0735 | 0.247 | 0.0082 | 0.3287 |
| 28 | 13.3 | 12.8 | 3.1864 | 1.8411 | -0.0026 | 5.0249 | 0.0743 | 0.2435 | 0.0092 | 0.3271 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 13.3 | 12.7 | 3.1866 | 1.8407 | -0.0027 | 5.0246 | 0.067 | 0.2382 | 0.0083 | 0.3135 |
| 30 | 12.3 | 12.5 | 3.1866 | 1.8407 | -0.0027 | 5.0246 | 0.0637 | 0.2348 | 0.0087 | 0.3072 |
| 31 | 11.7 | 12.3 | 3.1865 | 1.8408 | -0.0028 | 5.0245 | 0.0648 | 0.2288 | 0.0072 | 0.3009 |
| 32 | 11.4 | 12.1 | 3.1863 | 1.8408 | -0.0028 | 5.0243 | 0.0674 | 0.222 | 0.0065 | 0.2959 |
| 33 | 11.1 | 11.9 | 3.1861 | 1.8406 | -0.0027 | 5.024 | 0.0722 | 0.2159 | 0.0064 | 0.2945 |
| 34 | 11.2 | 11.7 | 3.1857 | 1.8403 | -0.0026 | 5.0234 | 0.0743 | 0.2103 | 0.0054 | 0.2899 |
| 35 | 11.4 | 11.4 | 3.1853 | 1.8398 | -0.0027 | 5.0224 | 0.0726 | 0.2052 | 0.0051 | 0.2828 |
| 36 | 11.2 | 11.3 | 3.185 | 1.8397 | -0.0026 | 5.0221 | 0.0716 | 0.2002 | 0.0027 | 0.2745 |
| 37 | 11.4 | 11 | 3.185 | 1.84 | -0.0025 | 5.0225 | 0.0723 | 0.1915 | 0.0039 | 0.2678 |
| 38 | 11.2 | 10.8 | 3.1854 | 1.8393 | -0.0025 | 5.0223 | 0.066 | 0.1843 | 0.0054 | 0.2557 |
| 39 | 10.8 | 10.6 | 3.1855 | 1.839 | -0.0023 | 5.0223 | 0.0688 | 0.1826 | 0.0078 | 0.2593 |
| 40 | 10 | 10.5 | 3.1852 | 1.8396 | -0.0022 | 5.0226 | 0.0772 | 0.1818 | 0.0097 | 0.2687 |
| 41 | 10.1 | 10.3 | 3.1849 | 1.8398 | -0.0019 | 5.0228 | 0.0867 | 0.1822 | 0.0108 | 0.2797 |
| 42 | 10.2 | 10.2 | 3.1848 | 1.8399 | -0.0018 | 5.0229 | 0.0908 | 0.1824 | 0.0126 | 0.2858 |
| 43 | 9.8 | 10 | 3.185 | 1.8399 | -0.0019 | 5.023 | 0.0934 | 0.1809 | 0.0132 | 0.2874 |
| 44 | 9.82 | 9.93 | 3.1852 | 1.8401 | -0.0018 | 5.0235 | 0.0941 | 0.1862 | 0.014 | 0.2942 |
| 45 | 9.59 | 9.78 | 3.1853 | 1.8407 | -0.0014 | 5.0246 | 0.0963 | 0.1946 | 0.015 | 0.3059 |
| 46 | 10 | 9.68 | 3.1855 | 1.8409 | -0.001 | 5.0254 | 0.0977 | 0.1985 | 0.0161 | 0.3123 |
| 47 | 9.55 | 9.59 | 3.1856 | 1.8413 | -0.001 | 5.0259 | 0.1017 | 0.2033 | 0.0182 | 0.3232 |
| 48 | 8.72 | 9.51 | 3.186 | 1.8415 | -0.001 | 5.0265 | 0.1095 | 0.2125 | 0.0194 | 0.3414 |
| 49 | 9.66 | 9.52 | 3.1865 | 1.8421 | -0.0009 | 5.0277 | 0.1085 | 0.2185 | 0.0165 | 0.3435 |
| 50 | 8.89 | 9.56 | 3.1863 | 1.8422 | -0.0008 | 5.0277 | 0.1105 | 0.2217 | 0.0128 | 0.345 |
| 51 | 8.75 | 9.59 | 3.1862 | 1.8427 | -0.0007 | 5.0282 | 0.1197 | 0.2053 | 0.0164 | 0.3414 |
| 52 | 8.6 | 9.62 | 3.186 | 1.8435 | -0.0008 | 5.0286 | 0.103 | 0.2086 | 0.0159 | 0.3275 |
| 53 | 8.84 | 9.67 | 3.1854 | 1.8436 | -0.001 | 5.0279 | 0.0785 | 0.2085 | 0.0143 | 0.3012 |
| 54 | 8.62 | 9.71 | 3.1851 | 1.843 | -0.0011 | 5.027 | 0.0685 | 0.1943 | 0.0148 | 0.2775 |
| 55 | 9.35 | 9.75 | 3.1846 | 1.843 | -0.0013 | 5.0264 | 0.0662 | 0.1759 | 0.012 | 0.2541 |
| 56 | 9.74 | 9.74 | 3.184 | 1.8431 | -0.0014 | 5.0258 | 0.0649 | 0.1617 | 0.0072 | 0.2338 |
| 57 | 9.71 | 9.77 | 3.1838 | 1.8425 | -0.0013 | 5.0249 | 0.0649 | 0.1447 | 0.0057 | 0.2153 |
| 58 | 10.9 | 9.85 | 3.1829 | 1.8426 | -0.0014 | 5.0241 | 0.0623 | 0.1266 | 0.0049 | 0.1938 |
| 59 | 10.8 | 9.84 | 3.1826 | 1.8423 | -0.0016 | 5.0233 | 0.0591 | 0.1195 | 0.0049 | 0.1835 |
| 60 | 10.5 | 9.89 | 3.1829 | 1.8417 | -0.0017 | 5.0229 | 0.0541 | 0.1004 | 0.0029 | 0.1574 |
| 61 | 10.8 | 9.95 | 3.1832 | 1.8416 | -0.0017 | 5.0231 | 0.0532 | 0.0938 | 0.0009 | 0.1479 |
| 62 | 10.7 | 10 | 3.1838 | 1.8416 | -0.0016 | 5.0237 | 0.0475 | 0.0808 | -0.001 | 0.1273 |
| 63 | 10.6 | 10.1 | 3.1843 | 1.8417 | -0.0017 | 5.0244 | 0.046 | 0.0675 | -0.0032 | 0.1104 |
| 64 | 10.3 | 10.1 | 3.1846 | 1.8418 | -0.0017 | 5.0247 | 0.055 | 0.0613 | -0.003 | 0.1132 |
| 65 | 10 | 10.1 | 3.1846 | 1.842 | -0.0016 | 5.025 | 0.0654 | 0.0489 | -0.002 | 0.1123 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 10.1 | 10.1 | 3.1847 | 1.8419 | -0.0016 | 5.025 | 0.0647 | 0.0374 | -0.0014 | 0.1007 |
| 67 | 10.1 | 10.2 | 3.1846 | 1.8413 | -0.0016 | 5.0243 | 0.0591 | 0.0315 | -0.0003 | 0.0903 |
| 68 | 9.47 | 10.1 | 3.1841 | 1.8415 | -0.0016 | 5.024 | 0.0548 | 0.0274 | 0.0008 | 0.083 |
| 69 | 9.87 | 10 | 3.1839 | 1.8411 | -0.0016 | 5.0234 | 0.0523 | 0.0278 | 0.0001 | 0.0802 |
| 70 | 9.89 | 9.94 | 3.1836 | 1.8408 | -0.0017 | 5.0227 | 0.0473 | 0.0252 | -0.001 | 0.0715 |
| 71 | 9.86 | 9.85 | 3.1833 | 1.8406 | -0.0017 | 5.0222 | 0.0339 | 0.0287 | -0.0008 | 0.0618 |
| 72 | 9.69 | 9.79 | 3.1835 | 1.8407 | -0.0018 | 5.0225 | 0.0366 | 0.0201 | -0.0025 | 0.0543 |
| 73 | 9.8 | 9.73 | 3.184 | 1.8408 | -0.0018 | 5.0229 | 0.0393 | 0.0245 | -0.0047 | 0.0591 |
| 74 | 9.88 | 9.68 | 3.1845 | 1.8404 | -0.0018 | 5.0231 | 0.0414 | 0.0222 | -0.0046 | 0.0589 |
| 75 | 9.72 | 9.62 | 3.1852 | 1.8403 | -0.0018 | 5.0237 | 0.0484 | 0.0228 | -0.0059 | 0.0653 |
| 76 | 9.79 | 9.56 | 3.1856 | 1.84 | -0.0018 | 5.0237 | 0.0564 | 0.0265 | -0.0077 | 0.0752 |
| 77 | 9.43 | 9.51 | 3.1855 | 1.84 | -0.0019 | 5.0235 | 0.0575 | 0.0232 | -0.0091 | 0.0716 |
| 78 | 9.35 | 9.51 | 3.186 | 1.8402 | -0.0018 | 5.0243 | 0.0527 | 0.0215 | -0.0081 | 0.0661 |
| 79 | 9.38 | 9.51 | 3.1862 | 1.8402 | -0.0019 | 5.0245 | 0.0521 | 0.0225 | -0.006 | 0.0686 |
| 80 | 9.32 | 9.48 | 3.186 | 1.8404 | -0.0018 | 5.0247 | 0.0543 | 0.0237 | -0.007 | 0.0711 |
| 81 | 9.52 | 9.46 | 3.1857 | 1.8408 | -0.0017 | 5.0248 | 0.0563 | 0.0291 | -0.008 | 0.0774 |
| 82 | 9.36 | 9.45 | 3.1853 | 1.841 | -0.0017 | 5.0246 | 0.0564 | 0.0322 | -0.0073 | 0.0813 |
| 83 | 9.34 | 9.43 | 3.185 | 1.8413 | -0.0016 | 5.0247 | 0.0551 | 0.0336 | -0.008 | 0.0807 |
| 84 | 8.85 | 9.41 | 3.1851 | 1.8415 | -0.0016 | 5.025 | 0.0516 | 0.0355 | -0.0074 | 0.0796 |
| 85 | 8.98 | 9.41 | 3.1851 | 1.8418 | -0.0014 | 5.0255 | 0.049 | 0.0388 | -0.0054 | 0.0824 |
| 86 | 9.23 | 9.36 | 3.185 | 1.8423 | -0.0015 | 5.0258 | 0.0491 | 0.0392 | -0.0058 | 0.0826 |
| 87 | 9.38 | 9.37 | 3.1855 | 1.8428 | -0.0016 | 5.0266 | 0.0454 | 0.0381 | -0.0052 | 0.0783 |
| 88 | 9.85 | 9.39 | 3.1851 | 1.8427 | -0.0019 | 5.026 | 0.0424 | 0.0383 | -0.0041 | 0.0766 |
| 89 | 9.49 | 9.39 | 3.1843 | 1.8426 | -0.002 | 5.0249 | 0.0451 | 0.0328 | -0.0033 | 0.0746 |
| 90 | 9.47 | 9.4 | 3.1834 | 1.8424 | -0.0022 | 5.0236 | 0.0471 | 0.0278 | -0.0009 | 0.074 |
| 91 | 9.37 | 9.4 | 3.1829 | 1.8422 | -0.0023 | 5.0228 | 0.0427 | 0.0289 | 0.0005 | 0.0721 |
| 92 | 9.42 | 9.4 | 3.1826 | 1.8422 | -0.0024 | 5.0223 | 0.0385 | 0.0366 | 0.0045 | 0.0796 |
| 93 | 9.59 | 9.39 | 3.1824 | 1.8415 | -0.0025 | 5.0214 | 0.0374 | 0.0357 | 0.0046 | 0.0777 |
| 94 | 9.79 | 9.41 | 3.1821 | 1.8405 | -0.0026 | 5.02 | 0.0382 | 0.0407 | 0.004 | 0.0829 |
| 95 | 8.77 | 9.41 | 3.1819 | 1.8399 | -0.0027 | 5.0191 | 0.043 | 0.0437 | 0.0057 | 0.0924 |
| 96 | 9.59 | 9.4 | 3.1814 | 1.8392 | -0.0029 | 5.0177 | 0.055 | 0.0496 | 0.012 | 0.1167 |
| 97 | 9.68 | 9.39 | 3.1805 | 1.8381 | -0.0031 | 5.0156 | 0.063 | 0.0533 | 0.0176 | 0.1339 |
| 98 | 9.39 | 9.33 | 3.1805 | 1.8373 | -0.0028 | 5.0151 | 0.0671 | 0.0573 | 0.0185 | 0.1429 |
| 99 | 9.59 | 9.28 | 3.1802 | 1.8368 | -0.0025 | 5.0146 | 0.073 | 0.0603 | 0.0184 | 0.1517 |
| 100 | 9.39 | 9.22 | 3.1798 | 1.8369 | -0.0023 | 5.0144 | 0.0807 | 0.0709 | 0.0192 | 0.1708 |
| 101 | 9.35 | 9.17 | 3.18 | 1.8368 | -0.0022 | 5.0146 | 0.0797 | 0.0716 | 0.0194 | 0.1707 |
| 102 | 9.29 | 9.12 | 3.1812 | 1.8365 | -0.0023 | 5.0154 | 0.0761 | 0.0734 | 0.018 | 0.1675 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 103 | 9.12 | 9.04 | 3.1817 | 1.8365 | -0.0022 | 5.0159 | 0.071 | 0.0822 | 0.0159 | 0.1691 |
| 104 | 8.97 | 8.99 | 3.1814 | 1.8365 | -0.002 | 5.0159 | 0.0654 | 0.0856 | 0.0127 | 0.1638 |
| 105 | 9.21 | 8.98 | 3.1812 | 1.8368 | -0.0017 | 5.0163 | 0.0663 | 0.0813 | 0.012 | 0.1596 |
| 106 | 9.01 | 8.91 | 3.1812 | 1.837 | -0.0016 | 5.0166 | 0.0604 | 0.0789 | 0.0104 | 0.1496 |
| 107 | 8.74 | 8.85 | 3.1812 | 1.8372 | -0.0016 | 5.0167 | 0.0508 | 0.0835 | 0.0096 | 0.1439 |
| 108 | 8.5 | 8.83 | 3.1812 | 1.8373 | -0.0015 | 5.017 | 0.0461 | 0.0768 | 0.0122 | 0.1351 |
| 109 | 8.36 | 8.8 | 3.1812 | 1.8377 | -0.0014 | 5.0175 | 0.036 | 0.077 | 0.0124 | 0.1254 |
| 110 | 8.48 | 8.8 | 3.1816 | 1.8381 | -0.0013 | 5.0184 | 0.0375 | 0.0728 | 0.0116 | 0.1218 |
| 111 | 8.43 | 8.8 | 3.1819 | 1.8383 | -0.0012 | 5.019 | 0.0445 | 0.0707 | 0.0129 | 0.1281 |
| 112 | 8.15 | 8.82 | 3.182 | 1.8389 | -0.0011 | 5.0197 | 0.0545 | 0.0714 | 0.0129 | 0.1387 |
| 113 | 8.77 | 8.84 | 3.1812 | 1.839 | -0.0012 | 5.0191 | 0.0645 | 0.0783 | 0.0116 | 0.1543 |
| 114 | 8.61 | 8.86 | 3.1804 | 1.8397 | -0.0013 | 5.0188 | 0.0758 | 0.0872 | 0.01 | 0.173 |
| 115 | 8.25 | 8.92 | 3.1806 | 1.8399 | -0.0013 | 5.0192 | 0.0816 | 0.0882 | 0.0044 | 0.1743 |
| 116 | 8.61 | 9 | 3.1811 | 1.8399 | -0.0013 | 5.0197 | 0.0831 | 0.0886 | 0.0024 | 0.1741 |
| 117 | 8.88 | 9.08 | 3.1814 | 1.8404 | -0.0013 | 5.0205 | 0.0879 | 0.0868 | 0.0026 | 0.1773 |
| 118 | 9.12 | 9.15 | 3.1813 | 1.8406 | -0.0013 | 5.0206 | 0.0902 | 0.0823 | 0.003 | 0.1754 |
| 119 | 9.39 | 9.22 | 3.1814 | 1.8406 | -0.0013 | 5.0207 | 0.0848 | 0.0835 | 0.003 | 0.1713 |
| 120 | 9.27 | 9.3 | 3.1815 | 1.8406 | -0.0014 | 5.0207 | 0.0826 | 0.0792 | 0.0036 | 0.1653 |
| 121 | 9.63 | 9.38 | 3.1817 | 1.8403 | -0.0015 | 5.0205 | 0.0761 | 0.0795 | 0.0036 | 0.1592 |
| 122 | 9.61 | 9.49 | 3.182 | 1.8401 | -0.0015 | 5.0205 | 0.0579 | 0.076 | 0.0044 | 0.1383 |
| 123 | 9.32 | 9.54 | 3.1821 | 1.8399 | -0.0016 | 5.0204 | 0.0591 | 0.0755 | 0.0032 | 0.1379 |
| 124 | 10.3 | 9.62 | 3.1818 | 1.8397 | -0.0015 | 5.02 | 0.0615 | 0.0721 | 0.002 | 0.1357 |
| 125 | 10.6 | 9.73 | 3.1813 | 1.839 | -0.0016 | 5.0187 | 0.0656 | 0.066 | 0.0016 | 0.1332 |
| 126 | 10.2 | 9.8 | 3.181 | 1.8394 | -0.0017 | 5.0186 | 0.0694 | 0.066 | 0.0015 | 0.1368 |
| 127 | 9.85 | 9.84 | 3.1811 | 1.8393 | -0.0019 | 5.0185 | 0.0688 | 0.064 | 0.002 | 0.1348 |
| 128 | 9.7 | 9.89 | 3.1812 | 1.8388 | -0.002 | 5.018 | 0.0639 | 0.0636 | 0.0018 | 0.1292 |
| 129 | 10 | 9.9 | 3.1812 | 1.8383 | -0.002 | 5.0174 | 0.0629 | 0.0634 | 0.0012 | 0.1276 |
| 130 | 9.98 | 9.92 | 3.181 | 1.8378 | -0.0019 | 5.0168 | 0.0628 | 0.0651 | 0.0012 | 0.1291 |
| 131 | 10.1 | 9.91 | 3.1809 | 1.8376 | -0.0021 | 5.0164 | 0.0591 | 0.0678 | 0.0005 | 0.1274 |
| 132 | 9.77 | 9.87 | 3.1808 | 1.8375 | -0.002 | 5.0163 | 0.0533 | 0.0692 | 0.0009 | 0.1234 |
| 133 | 10.2 | 9.86 | 3.181 | 1.8371 | -0.002 | 5.0161 | 0.0485 | 0.0713 | -0.0002 | 0.1195 |
| 134 | 10.4 | 9.81 | 3.1808 | 1.8364 | -0.0021 | 5.0151 | 0.0449 | 0.0676 | -0.0005 | 0.1119 |
| 135 | 9.79 | 9.78 | 3.1804 | 1.8359 | -0.0021 | 5.0142 | 0.0462 | 0.0693 | -0.0006 | 0.115 |
| 136 | 9.73 | 9.75 | 3.1804 | 1.8359 | -0.0021 | 5.0142 | 0.0502 | 0.0727 | 0.0031 | 0.126 |
| 137 | 9.99 | 9.77 | 3.1808 | 1.8362 | -0.0021 | 5.0149 | 0.0494 | 0.0782 | 0.0029 | 0.1305 |
| 138 | 9.69 | 9.78 | 3.1809 | 1.8361 | -0.0022 | 5.0148 | 0.0483 | 0.0797 | 0.0031 | 0.1311 |
| 139 | 9.66 | 9.76 | 3.1808 | 1.8363 | -0.0022 | 5.0149 | 0.0399 | 0.0821 | 0.0022 | 0.1242 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 9.33 | 9.75 | 3.1809 | 1.8367 | -0.0022 | 5.0154 | 0.0311 | 0.0844 | 0.0015 | 0.117 |
| 141 | 8.91 | 9.75 | 3.1811 | 1.8361 | -0.0024 | 5.0148 | 0.0176 | 0.0825 | 0.0004 | 0.1005 |
| 142 | 9.15 | 9.78 | 3.1811 | 1.8363 | -0.0023 | 5.0151 | 0.0057 | 0.0862 | -0.0023 | 0.0896 |
| 143 | 9.37 | 9.78 | 3.1812 | 1.8358 | -0.0023 | 5.0147 | 0.0005 | 0.0921 | -0.0032 | 0.0894 |
| 144 | 9.97 | 9.71 | 3.1809 | 1.8358 | -0.0023 | 5.0143 | 0.0034 | 0.0921 | -0.0058 | 0.0897 |
| 145 | 9.74 | 9.68 | 3.1798 | 1.8357 | -0.0026 | 5.0129 | 0.0068 | 0.0867 | -0.0094 | 0.0841 |
| 146 | 10.2 | 9.65 | 3.1792 | 1.8356 | -0.0028 | 5.012 | 0.0032 | 0.0812 | -0.0101 | 0.0743 |
| 147 | 9.82 | 9.6 | 3.1789 | 1.8356 | -0.0029 | 5.0116 | -0.0146 | 0.0764 | -0.0102 | 0.0516 |
| 148 | 9.6 | 9.56 | 3.1787 | 1.8355 | -0.0028 | 5.0114 | -0.0318 | 0.0713 | -0.0093 | 0.0302 |
| 149 | 9.83 | 9.51 | 3.1784 | 1.835 | -0.0028 | 5.0106 | -0.036 | 0.0659 | -0.0053 | 0.0247 |
| 150 | 10.2 | 9.47 | 3.1783 | 1.835 | -0.0027 | 5.0106 | -0.0381 | 0.0596 | -0.0024 | 0.0191 |
| 151 | 10.4 | 9.45 | 3.1786 | 1.8353 | -0.0025 | 5.0114 | -0.0408 | 0.0636 | -0.0005 | 0.0224 |
| 152 | 10 | 9.42 | 3.1789 | 1.8352 | -0.0024 | 5.0117 | -0.0376 | 0.0662 | 0.0007 | 0.0293 |
| 153 | 9.16 | 9.4 | 3.1788 | 1.835 | -0.0023 | 5.0115 | -0.019 | 0.0588 | 0.0021 | 0.042 |
| 154 | 9.12 | 9.39 | 3.1785 | 1.8349 | -0.0023 | 5.0111 | -0.019 | 0.0637 | 0.0015 | 0.0463 |
| 155 | 9.15 | 9.39 | 3.1786 | 1.8351 | -0.0023 | 5.0114 | -0.0235 | 0.0699 | 0.0023 | 0.0487 |
| 156 | 9.04 | 9.34 | 3.179 | 1.8348 | -0.0024 | 5.0114 | -0.0204 | 0.081 | 0.0053 | 0.066 |
| 157 | 8.93 | 9.29 | 3.1792 | 1.8348 | -0.0025 | 5.0114 | -0.0177 | 0.0844 | 0.005 | 0.0717 |
| 158 | 8.79 | 9.28 | 3.1793 | 1.8349 | -0.0027 | 5.0116 | -0.0115 | 0.0831 | 0.0053 | 0.0769 |
| 159 | 8.57 | 9.27 | 3.1789 | 1.835 | -0.0028 | 5.0111 | -0.0055 | 0.0807 | 0.006 | 0.0812 |
| 160 | 8.55 | 9.22 | 3.1784 | 1.8347 | -0.003 | 5.0101 | -0.0065 | 0.0855 | 0.0079 | 0.0868 |
| 161 | 8.54 | 9.16 | 3.1778 | 1.8344 | -0.003 | 5.0092 | -0.0006 | 0.0876 | 0.0108 | 0.0978 |
| 162 | 9.04 | 9.1 | 3.1774 | 1.8337 | -0.0028 | 5.0083 | -0.0027 | 0.09 | 0.0138 | 0.1011 |
| 163 | 9.81 | 9.07 | 3.1767 | 1.833 | -0.0027 | 5.0071 | -0.0025 | 0.0895 | 0.0161 | 0.1031 |
| 164 | 9.69 | 9.02 | 3.1765 | 1.833 | -0.0021 | 5.0073 | -0.007 | 0.095 | 0.0168 | 0.1048 |
| 165 | 9.26 | 8.99 | 3.1763 | 1.8331 | -0.0019 | 5.0076 | -0.0147 | 0.1058 | 0.015 | 0.1061 |
| 166 | 8.86 | 8.99 | 3.1759 | 1.8332 | -0.0019 | 5.0072 | -0.0097 | 0.1103 | 0.0138 | 0.1144 |
| 167 | 9.36 | 9.01 | 3.1756 | 1.8331 | -0.0019 | 5.0068 | -0.0023 | 0.1142 | 0.011 | 0.1228 |
| 168 | 9.59 | 9.05 | 3.1756 | 1.8331 | -0.0019 | 5.0068 | 0.0041 | 0.1234 | 0.01 | 0.1375 |
| 169 | 9.25 | 9.11 | 3.1757 | 1.8332 | -0.002 | 5.0069 | 0.0087 | 0.1223 | 0.01 | 0.141 |
| 170 | 9.25 | 9.2 | 3.176 | 1.8329 | -0.0021 | 5.0068 | 0.0114 | 0.1158 | 0.01 | 0.1372 |
| 171 | 9.01 | 9.29 | 3.1775 | 1.8331 | -0.0022 | 5.0084 | 0.0125 | 0.11 | 0.0095 | 0.132 |
| 172 | 8.54 | 9.3 | 3.1776 | 1.8331 | -0.0021 | 5.0087 | 0.0146 | 0.109 | 0.0101 | 0.1337 |
| 173 | 8.18 | 9.27 | 3.1778 | 1.8335 | -0.002 | 5.0094 | 0.0129 | 0.1109 | 0.0122 | 0.1359 |
| 174 | 8.61 | 9.26 | 3.1779 | 1.8338 | -0.002 | 5.0097 | 0.016 | 0.1075 | 0.0125 | 0.136 |
| 175 | 9.01 | 9.29 | 3.1783 | 1.8337 | -0.0019 | 5.01 | 0.0178 | 0.1058 | 0.0149 | 0.1384 |
| 176 | 9.29 | 9.35 | 3.1787 | 1.8336 | -0.002 | 5.0103 | 0.0162 | 0.1037 | 0.0128 | 0.1327 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 177 | 9.61 | 9.36 | 3.1791 | 1.8336 | -0.0021 | 5.0106 | 0.0143 | 0.1084 | 0.0106 | 0.1334 |
| 178 | 9.64 | 9.36 | 3.1797 | 1.8338 | -0.0019 | 5.0115 | 0.0155 | 0.1105 | 0.0071 | 0.133 |
| 179 | 10.2 | 9.37 | 3.1799 | 1.8337 | -0.002 | 5.0116 | 0.0129 | 0.1107 | 0.0034 | 0.1271 |
| 180 | 10.3 | 9.36 | 3.1801 | 1.8337 | -0.0018 | 5.0119 | 0.0126 | 0.1098 | 0.0021 | 0.1245 |
| 181 | 9.2 | 9.38 | 3.1804 | 1.8338 | -0.0018 | 5.0125 | 0.0077 | 0.1041 | 0.0038 | 0.1156 |
| 182 | 9.17 | 9.42 | 3.1804 | 1.8339 | -0.0017 | 5.0127 | 0.0029 | 0.099 | 0.0023 | 0.1042 |
| 183 | 9.58 | 9.47 | 3.1805 | 1.8346 | -0.0016 | 5.0135 | 0.0008 | 0.0972 | 0.0032 | 0.1012 |
| 184 | 9.85 | 9.5 | 3.1805 | 1.8346 | -0.0015 | 5.0135 | 0.0028 | 0.0924 | 0.0042 | 0.0994 |
| 185 | 10 | 9.53 | 3.1801 | 1.8345 | -0.0017 | 5.0129 | 0.006 | 0.0814 | 0.0036 | 0.091 |
| 186 | 9.47 | 9.56 | 3.18 | 1.8345 | -0.0018 | 5.0127 | 0.0064 | 0.0745 | 0.0035 | 0.0844 |
| 187 | 9.66 | 9.56 | 3.1806 | 1.8348 | -0.002 | 5.0135 | 0.0032 | 0.0728 | 0.0052 | 0.0812 |
| 188 | 9.31 | 9.58 | 3.1811 | 1.8345 | -0.0021 | 5.0136 | 0.0017 | 0.0741 | 0.006 | 0.0818 |
| 189 | 9.15 | 9.56 | 3.1812 | 1.8342 | -0.0022 | 5.0132 | -0.0005 | 0.072 | 0.0062 | 0.0778 |
| 190 | 9.28 | 9.58 | 3.1816 | 1.8341 | -0.0022 | 5.0136 | -0.0045 | 0.0778 | 0.0069 | 0.0803 |
| 191 | 9.33 | 9.65 | 3.1823 | 1.8336 | -0.0021 | 5.0138 | -0.0021 | 0.0824 | 0.0079 | 0.0883 |
| 192 | 9.07 | 9.68 | 3.1825 | 1.8329 | -0.0021 | 5.0134 | 0.0029 | 0.079 | 0.004 | 0.0858 |
| 193 | 9.36 | 9.67 | 3.1821 | 1.8323 | -0.0019 | 5.0124 | 0.0042 | 0.0827 | 0.0032 | 0.0902 |
| 194 | 9.58 | 9.69 | 3.1814 | 1.8318 | -0.0017 | 5.0116 | 0.0056 | 0.0789 | 0.004 | 0.0884 |
| 195 | 9.79 | 9.68 | 3.1816 | 1.8318 | -0.0017 | 5.0117 | 0.0017 | 0.0778 | 0.0036 | 0.083 |
| 196 | 9.64 | 9.66 | 3.1829 | 1.8316 | -0.0019 | 5.0125 | -0.0093 | 0.0808 | -0.0001 | 0.0714 |
| 197 | 9.89 | 9.63 | 3.1837 | 1.831 | -0.0021 | 5.0126 | -0.0173 | 0.0793 | -0.003 | 0.059 |
| 198 | 10 | 9.64 | 3.1841 | 1.8308 | -0.0023 | 5.0126 | -0.0256 | 0.0846 | -0.0028 | 0.0562 |
| 199 | 10.7 | 9.66 | 3.184 | 1.8308 | -0.0022 | 5.0127 | -0.0312 | 0.0851 | -0.0006 | 0.0532 |
| 200 | 10.4 | 9.68 | 3.1839 | 1.8306 | -0.0023 | 5.0122 | -0.0321 | 0.0831 | -0.001 | 0.0501 |
| 201 | 9.74 | 9.7 | 3.1838 | 1.8302 | -0.0023 | 5.0117 | -0.0268 | 0.0856 | 0 | 0.0587 |
| 202 | 9.5 | 9.75 | 3.1831 | 1.8306 | -0.0025 | 5.0113 | -0.0214 | 0.0869 | 0.0038 | 0.0693 |
| 203 | 10.2 | 9.75 | 3.1836 | 1.8301 | -0.0024 | 5.0113 | -0.0137 | 0.0861 | 0.0036 | 0.076 |
| 204 | 9.79 | 9.75 | 3.1838 | 1.8295 | -0.0022 | 5.011 | -0.0108 | 0.0854 | 0.0034 | 0.078 |
| 205 | 9.12 | 9.72 | 3.1832 | 1.8287 | -0.0022 | 5.0097 | -0.0152 | 0.0898 | 0.0035 | 0.0781 |
| 206 | 9.2 | 9.69 | 3.1829 | 1.8286 | -0.0021 | 5.0094 | -0.0248 | 0.0974 | 0.0019 | 0.0745 |
| 207 | 9.47 | 9.64 | 3.1823 | 1.8288 | -0.0021 | 5.0091 | -0.0324 | 0.0974 | -0.0002 | 0.0648 |
| 208 | 9.41 | 9.59 | 3.1818 | 1.8293 | -0.0021 | 5.0089 | -0.0409 | 0.1006 | -0.003 | 0.0567 |
| 209 | 9.67 | 9.53 | 3.1819 | 1.8291 | -0.0022 | 5.0088 | -0.0424 | 0.108 | -0.0047 | 0.0608 |
| 210 | 9.81 | 9.51 | 3.1816 | 1.8293 | -0.0024 | 5.0086 | -0.044 | 0.1079 | -0.0058 | 0.058 |
| 211 | 10.1 | 9.52 | 3.1822 | 1.8293 | -0.0026 | 5.0088 | -0.0511 | 0.108 | -0.0081 | 0.0489 |
| 212 | 9.34 | 9.55 | 3.1823 | 1.8299 | -0.0027 | 5.0094 | -0.0592 | 0.1042 | -0.0099 | 0.0352 |
| 213 | 9.47 | 9.51 | 3.1819 | 1.8295 | -0.0029 | 5.0086 | -0.0585 | 0.0982 | -0.0083 | 0.0314 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 214 | 9.21 | 9.53 | 3.1819 | 1.8291 | -0.0028 | 5.0082 | -0.065 | 0.0858 | -0.0068 | 0.014 |
| 215 | 9.11 | 9.57 | 3.1816 | 1.8289 | -0.0027 | 5.0078 | -0.0733 | 0.083 | 0 | 0.0098 |
| 216 | 9 | 9.62 | 3.1813 | 1.8284 | -0.0024 | 5.0074 | -0.0796 | 0.0884 | 0.0041 | 0.0129 |
| 217 | 8.97 | 9.62 | 3.181 | 1.8281 | -0.0023 | 5.0067 | -0.0847 | 0.0909 | 0.0051 | 0.0114 |
| 218 | 9.56 | 9.62 | 3.1804 | 1.8284 | -0.0023 | 5.0066 | -0.0885 | 0.0892 | 0.0042 | 0.0049 |
| 219 | 10.1 | 9.6 | 3.1802 | 1.8291 | -0.0023 | 5.007 | -0.0835 | 0.0889 | 0.0031 | 0.0085 |
| 220 | 9.91 | 9.58 | 3.1803 | 1.8296 | -0.0024 | 5.0075 | -0.079 | 0.0929 | 0.0002 | 0.0141 |
| 221 | 10 | 9.54 | 3.1802 | 1.8294 | -0.0025 | 5.0071 | -0.0703 | 0.0856 | 0.0009 | 0.0162 |
| 222 | 9.58 | 9.56 | 3.1807 | 1.829 | -0.0027 | 5.007 | -0.0502 | 0.0838 | -0.0016 | 0.032 |
| 223 | 10.1 | 9.56 | 3.1805 | 1.8292 | -0.0029 | 5.0068 | -0.0497 | 0.083 | -0.0028 | 0.0306 |
| 224 | 9.91 | 9.58 | 3.1801 | 1.8291 | -0.003 | 5.0062 | -0.0469 | 0.088 | -0.002 | 0.0391 |
| 225 | 10.1 | 9.61 | 3.1797 | 1.8286 | -0.0029 | 5.0054 | -0.0446 | 0.0941 | -0.0016 | 0.0479 |
| 226 | 9.55 | 9.65 | 3.1796 | 1.8285 | -0.0028 | 5.0053 | -0.0378 | 0.0934 | -0.0015 | 0.0541 |
| 227 | 9.4 | 9.69 | 3.1795 | 1.8282 | -0.0026 | 5.0051 | -0.0281 | 0.0845 | -0.002 | 0.0544 |
| 228 | 9.19 | 9.73 | 3.1799 | 1.8277 | -0.0023 | 5.0053 | -0.0198 | 0.0809 | -0.0027 | 0.0585 |
| 229 | 9.6 | 9.72 | 3.1799 | 1.8273 | -0.0022 | 5.005 | -0.0133 | 0.0796 | -0.0004 | 0.0659 |
| 230 | 9.25 | 9.73 | 3.1802 | 1.8273 | -0.0023 | 5.0052 | -0.0113 | 0.0748 | -0.0031 | 0.0604 |
| 231 | 9.6 | 9.69 | 3.1806 | 1.8277 | -0.0023 | 5.006 | -0.0122 | 0.0696 | -0.0032 | 0.0543 |
| 232 | 9.47 | 9.74 | 3.1807 | 1.8277 | -0.0023 | 5.0061 | -0.0112 | 0.0678 | -0.0045 | 0.0522 |
| 233 | 9.73 | 9.74 | 3.1807 | 1.8279 | -0.0024 | 5.0061 | -0.0154 | 0.0625 | -0.0052 | 0.042 |
| 234 | 9.67 | 9.75 | 3.1802 | 1.8283 | -0.0025 | 5.006 | -0.0157 | 0.0675 | -0.0042 | 0.0477 |
| 235 | 9.62 | 9.73 | 3.1798 | 1.8284 | -0.0024 | 5.0057 | -0.0159 | 0.0708 | -0.0028 | 0.0521 |
| 236 | 9.8 | 9.75 | 3.1801 | 1.8287 | -0.0026 | 5.0061 | -0.0209 | 0.0699 | -0.0034 | 0.0456 |
| 237 | 10.3 | 9.79 | 3.1806 | 1.8288 | -0.0027 | 5.0067 | -0.0241 | 0.0718 | -0.0048 | 0.0428 |
| 238 | 9.96 | 9.83 | 3.1809 | 1.8289 | -0.0028 | 5.007 | -0.0151 | 0.0789 | -0.0065 | 0.0572 |
| 239 | 10.1 | 9.86 | 3.1813 | 1.8285 | -0.0029 | 5.0069 | -0.0067 | 0.0787 | -0.0068 | 0.0652 |
| 240 | 9.33 | 9.92 | 3.1811 | 1.8284 | -0.003 | 5.0065 | -0.0086 | 0.0799 | -0.0068 | 0.0644 |
| 241 | 10.4 | 9.94 | 3.1808 | 1.8282 | -0.0028 | 5.0063 | -0.0026 | 0.0784 | -0.0052 | 0.0706 |
| 242 | 10.1 | 9.96 | 3.1807 | 1.8281 | -0.0026 | 5.0061 | 0.001 | 0.0742 | -0.001 | 0.0743 |
| 243 | 10 | 9.98 | 3.1806 | 1.828 | -0.0027 | 5.0059 | 0.0012 | 0.0692 | 0.0008 | 0.0712 |
| 244 | 9.78 | 10 | 3.1807 | 1.828 | -0.0027 | 5.006 | 0.0004 | 0.0684 | 0.003 | 0.0719 |
| 245 | 9.99 | 10 | 3.1807 | 1.8276 | -0.0026 | 5.0058 | -0.0075 | 0.0772 | 0.0064 | 0.0761 |
| 246 | 10.1 | 10 | 3.1809 | 1.8277 | -0.0025 | 5.0061 | -0.0129 | 0.0862 | 0.006 | 0.0793 |
| 247 | 9.91 | 10 | 3.1815 | 1.8271 | -0.0026 | 5.006 | -0.0099 | 0.0941 | 0.0038 | 0.088 |
| 248 | 10.2 | 9.99 | 3.1819 | 1.827 | -0.0028 | 5.006 | -0.0136 | 0.0975 | -0.0013 | 0.0826 |
| 249 | 10.5 | 10 | 3.1816 | 1.8267 | -0.0027 | 5.0056 | -0.0051 | 0.1034 | -0.0071 | 0.0913 |
| 250 | 9.85 | 10.1 | 3.181 | 1.8265 | -0.0027 | 5.0047 | -0.0124 | 0.1095 | -0.0103 | 0.0868 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 251 | 9.93 | 10 | 3.1807 | 1.8267 | -0.0029 | 5.0045 | -0.0271 | 0.1054 | -0.0123 | 0.066 |
| 252 | 10.1 | 10 | 3.1803 | 1.8266 | -0.0027 | 5.0041 | -0.0333 | 0.1028 | -0.013 | 0.0565 |
| 253 | 10.1 | 10.1 | 3.1799 | 1.8264 | -0.0026 | 5.0037 | -0.0437 | 0.1086 | -0.0144 | 0.0505 |
| 254 | 10.2 | 10.1 | 3.18 | 1.8259 | -0.0027 | 5.0033 | -0.0375 | 0.1074 | -0.012 | 0.0579 |
| 255 | 9.55 | 10.1 | 3.181 | 1.8254 | -0.0025 | 5.0039 | -0.0239 | 0.1026 | -0.0089 | 0.0699 |
| 256 | 9.99 | 10.1 | 3.1822 | 1.8251 | -0.0023 | 5.0049 | -0.027 | 0.0991 | -0.0066 | 0.0655 |
| 257 | 9.77 | 10.1 | 3.1833 | 1.8247 | -0.0022 | 5.0057 | -0.0359 | 0.099 | -0.005 | 0.0581 |
| 258 | 10.8 | 10 | 3.1836 | 1.8241 | -0.0022 | 5.0055 | -0.0438 | 0.0989 | -0.004 | 0.0511 |
| 259 | 9.72 | 9.99 | 3.1833 | 1.8242 | -0.0022 | 5.0054 | -0.0461 | 0.1034 | -0.002 | 0.0553 |
| 260 | 10.1 | 9.94 | 3.1835 | 1.8239 | -0.0022 | 5.0052 | -0.0397 | 0.106 | -0.0028 | 0.0635 |
| 261 | 10.2 | 9.89 | 3.1837 | 1.824 | -0.002 | 5.0057 | -0.0284 | 0.1097 | -0.0054 | 0.0759 |
| 262 | 10.5 | 9.86 | 3.1832 | 1.8239 | -0.002 | 5.0052 | -0.0133 | 0.1094 | -0.0083 | 0.0879 |
| 263 | 10.3 | 9.84 | 3.1832 | 1.8244 | -0.002 | 5.0057 | -0.0022 | 0.1166 | -0.0073 | 0.1071 |
| 264 | 10.1 | 9.84 | 3.1838 | 1.8247 | -0.0021 | 5.0063 | 0.0026 | 0.1124 | -0.0072 | 0.1078 |
| 265 | 10.1 | 9.89 | 3.1843 | 1.8243 | -0.0023 | 5.0063 | 0.0068 | 0.1108 | -0.004 | 0.1136 |
| 266 | 9.78 | 9.9 | 3.1844 | 1.8241 | -0.0024 | 5.0061 | 0.0022 | 0.1149 | 0.0006 | 0.1177 |
| 267 | 9.27 | 9.93 | 3.1845 | 1.8241 | -0.0023 | 5.0063 | -0.0077 | 0.119 | 0.0058 | 0.1172 |
| 268 | 9.55 | 9.9 | 3.1839 | 1.8242 | -0.0022 | 5.006 | -0.0205 | 0.1284 | 0.011 | 0.1189 |
| 269 | 8.79 | 9.93 | 3.1836 | 1.8239 | -0.002 | 5.0054 | -0.0374 | 0.1452 | 0.0119 | 0.1197 |
| 270 | 8.91 | 9.93 | 3.183 | 1.8243 | -0.0022 | 5.0051 | -0.0468 | 0.1688 | 0.0108 | 0.1327 |
| 271 | 9.5 | 9.94 | 3.1825 | 1.8247 | -0.002 | 5.0052 | -0.0478 | 0.1874 | 0.0085 | 0.1481 |
| 272 | 9.73 | 9.93 | 3.1826 | 1.8248 | -0.0018 | 5.0056 | -0.0516 | 0.1938 | 0.0051 | 0.1473 |
| 273 | 10.2 | 9.93 | 3.1825 | 1.8247 | -0.0018 | 5.0055 | -0.0452 | 0.1978 | 0.0018 | 0.1545 |
| 274 | 10.5 | 9.95 | 3.1824 | 1.8243 | -0.0018 | 5.0049 | -0.0476 | 0.2031 | 0.0005 | 0.156 |
| 275 | 10.3 | 9.94 | 3.1821 | 1.8243 | -0.0018 | 5.0046 | -0.0581 | 0.2056 | -0.0024 | 0.1451 |
| 276 | 10.3 | 9.96 | 3.1815 | 1.8251 | -0.0018 | 5.0048 | -0.0688 | 0.204 | -0.0012 | 0.134 |
| 277 | 10.2 | 10 | 3.1811 | 1.8255 | -0.0018 | 5.0048 | -0.0738 | 0.2073 | 0.0009 | 0.1344 |
| 278 | 10.3 | 10 | 3.181 | 1.8258 | -0.0019 | 5.0049 | -0.0788 | 0.2078 | 0.0021 | 0.131 |
| 279 | 10.2 | 10.1 | 3.181 | 1.8262 | -0.0017 | 5.0055 | -0.08 | 0.2102 | 0.0054 | 0.1357 |
| 280 | 10.3 | 10.1 | 3.1813 | 1.8267 | -0.0015 | 5.0065 | -0.078 | 0.2086 | 0.0059 | 0.1365 |
| 281 | 10.4 | 10.2 | 3.1815 | 1.8271 | -0.0013 | 5.0072 | -0.0717 | 0.2122 | 0.0056 | 0.1461 |
| 282 | 10.4 | 10.2 | 3.182 | 1.8277 | -0.0012 | 5.0085 | -0.066 | 0.2214 | 0.007 | 0.1623 |
| 283 | 10.5 | 10.2 | 3.1821 | 1.8278 | -0.0012 | 5.0087 | -0.0654 | 0.227 | 0.0052 | 0.1668 |
| 284 | 9.92 | 10.2 | 3.1821 | 1.8275 | -0.0013 | 5.0083 | -0.0694 | 0.2336 | 0.0033 | 0.1675 |
| 285 | 10.2 | 10.2 | 3.1822 | 1.8275 | -0.0014 | 5.0083 | -0.0743 | 0.2385 | 0.002 | 0.1661 |
| 286 | 10.3 | 10.2 | 3.1824 | 1.8273 | -0.0013 | 5.0084 | -0.0747 | 0.2419 | 0.0007 | 0.1679 |
| 287 | 9.96 | 10.2 | 3.1821 | 1.8269 | -0.0013 | 5.0077 | -0.0682 | 0.2486 | -0.003 | 0.1774 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 288 | 9.65 | 10.3 | 3.1818 | 1.8266 | -0.0014 | 5.007 | -0.0642 | 0.2484 | -0.004 | 0.1803 |
| 289 | 9.9 | 10.3 | 3.1821 | 1.8262 | -0.0015 | 5.0067 | -0.0587 | 0.2461 | -0.0047 | 0.1828 |
| 290 | 10.1 | 10.4 | 3.1819 | 1.8263 | -0.0017 | 5.0065 | -0.0578 | 0.2435 | -0.0049 | 0.1808 |
| 291 | 10.6 | 10.5 | 3.1822 | 1.8262 | -0.002 | 5.0064 | -0.0638 | 0.2436 | -0.0053 | 0.1746 |
| 292 | 10.6 | 10.6 | 3.1824 | 1.826 | -0.0022 | 5.0063 | -0.0611 | 0.2417 | -0.0013 | 0.1794 |
| 293 | 10.3 | 10.6 | 3.182 | 1.8254 | -0.0022 | 5.0052 | -0.0582 | 0.2423 | 0.0002 | 0.1843 |
| 294 | 10.4 | 10.7 | 3.1822 | 1.8241 | -0.0023 | 5.004 | -0.0587 | 0.2427 | -0.0016 | 0.1824 |
| 295 | 9.94 | 10.8 | 3.1828 | 1.8232 | -0.0023 | 5.0037 | -0.0558 | 0.2483 | -0.0005 | 0.1919 |
| 296 | 10.5 | 10.8 | 3.1838 | 1.8222 | -0.0023 | 5.0038 | -0.0517 | 0.2436 | 0.0011 | 0.193 |
| 297 | 11.1 | 11 | 3.1851 | 1.8213 | -0.002 | 5.0043 | -0.0463 | 0.2442 | 0.002 | 0.2 |
| 298 | 11.5 | 11.1 | 3.1846 | 1.8204 | -0.0016 | 5.0035 | -0.0233 | 0.2388 | 0.0013 | 0.2168 |
| 299 | 11.7 | 11.1 | 3.1853 | 1.8199 | -0.0012 | 5.004 | -0.0148 | 0.2334 | 0.0003 | 0.2189 |
| 300 | 11.9 | 11.2 | 3.1866 | 1.82 | -0.0011 | 5.0056 | -0.0134 | 0.2276 | 0.0012 | 0.2154 |
| 301 | 11.9 | 11.3 | 3.1871 | 1.8199 | -0.001 | 5.006 | -0.0178 | 0.2278 | 0.0015 | 0.2115 |
| 302 | 11.5 | 11.4 | 3.1875 | 1.8198 | -0.001 | 5.0062 | -0.0161 | 0.2323 | -0.0004 | 0.2159 |
| 303 | 11.6 | 11.5 | 3.1873 | 1.8193 | -0.0012 | 5.0055 | -0.0146 | 0.2349 | 0.001 | 0.2212 |
| 304 | 11.9 | 11.6 | 3.1861 | 1.8192 | -0.0013 | 5.004 | -0.015 | 0.2353 | 0.0016 | 0.2219 |
| 305 | 11.2 | 11.8 | 3.1859 | 1.8188 | -0.0016 | 5.0031 | -0.0139 | 0.2324 | 0.0022 | 0.2208 |
| 306 | 12 | 11.9 | 3.1865 | 1.8187 | -0.0016 | 5.0036 | -0.0061 | 0.2282 | 0.0015 | 0.2235 |
| 307 | 12.1 | 12 | 3.1867 | 1.819 | -0.0017 | 5.0039 | -0.0029 | 0.2328 | 0.0017 | 0.2317 |
| 308 | 11.1 | 12 | 3.1864 | 1.8189 | -0.0019 | 5.0034 | 0.0067 | 0.2336 | 0.0027 | 0.243 |
| 309 | 11.5 | 12.2 | 3.1858 | 1.8185 | -0.0019 | 5.0024 | 0.0124 | 0.2259 | 0.002 | 0.2403 |
| 310 | 11.8 | 12.3 | 3.1845 | 1.8184 | -0.0018 | 5.001 | 0.005 | 0.2295 | 0.0016 | 0.236 |
| 311 | 12.6 | 12.4 | 3.1835 | 1.8183 | -0.0018 | 5.0001 | 0.0061 | 0.2296 | -0.0004 | 0.2353 |
| 312 | 12.6 | 12.6 | 3.1825 | 1.8183 | -0.002 | 4.9987 | 0.014 | 0.2291 | -0.0004 | 0.2427 |
| 313 | 12.8 | 12.7 | 3.1817 | 1.8183 | -0.0022 | 4.9978 | 0.0078 | 0.231 | -0.0028 | 0.236 |
| 314 | 12.3 | 12.9 | 3.1812 | 1.818 | -0.0024 | 4.9968 | 0.008 | 0.2338 | -0.0048 | 0.2371 |
| 315 | 12.6 | 13.2 | 3.1813 | 1.8174 | -0.0027 | 4.996 | 0.0127 | 0.2304 | -0.0043 | 0.2387 |
| 316 | 13 | 13.4 | 3.1821 | 1.8165 | -0.003 | 4.9957 | 0.0124 | 0.2265 | -0.0021 | 0.2368 |
| 317 | 13 | 13.7 | 3.183 | 1.8153 | -0.0034 | 4.9949 | 0.0004 | 0.229 | -0.0037 | 0.2258 |
| 318 | 14.3 | 13.9 | 3.1842 | 1.8139 | -0.0035 | 4.9946 | -0.0073 | 0.2278 | -0.0042 | 0.2163 |
| 319 | 14.5 | 14.1 | 3.1849 | 1.8122 | -0.0034 | 4.9937 | -0.0149 | 0.2278 | -0.0041 | 0.2088 |
| 320 | 13.8 | 14.3 | 3.1851 | 1.8109 | -0.0032 | 4.9927 | -0.0112 | 0.2217 | -0.0016 | 0.209 |
| 321 | 14.2 | 14.5 | 3.1854 | 1.81 | -0.003 | 4.9924 | -0.0071 | 0.2195 | -0.0019 | 0.2105 |
| 322 | 14.9 | 14.6 | 3.1852 | 1.8092 | -0.0029 | 4.9915 | -0.0075 | 0.2179 | -0.0008 | 0.2096 |
| 323 | 15.6 | 14.7 | 3.1853 | 1.8089 | -0.0029 | 4.9913 | 0.0059 | 0.2176 | 0.0021 | 0.2256 |
| 324 | 16.3 | 14.9 | 3.1859 | 1.8086 | -0.0028 | 4.9917 | 0.0152 | 0.2194 | 0.0043 | 0.2388 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 325 | 16.4 | 15 | 3.1866 | 1.8082 | -0.0028 | 4.992 | 0.0221 | 0.2148 | 0.0064 | 0.2433 |
| 326 | 16.5 | 15.1 | 3.187 | 1.8078 | -0.0029 | 4.9919 | 0.0264 | 0.212 | 0.0086 | 0.247 |
| 327 | 16.2 | 15.1 | 3.1874 | 1.8074 | -0.0028 | 4.992 | 0.0286 | 0.2232 | 0.0099 | 0.2617 |
| 328 | 15.5 | 15 | 3.1879 | 1.8067 | -0.0029 | 4.9917 | 0.0285 | 0.2267 | 0.009 | 0.2643 |
| 329 | 15.4 | 14.9 | 3.1877 | 1.8064 | -0.0028 | 4.9913 | 0.0226 | 0.2326 | 0.0092 | 0.2644 |
| 330 | 15.1 | 14.8 | 3.1874 | 1.8061 | -0.0029 | 4.9906 | 0.0189 | 0.2432 | 0.0132 | 0.2752 |
| 331 | 15 | 14.7 | 3.1872 | 1.8055 | -0.003 | 4.9897 | 0.0196 | 0.2528 | 0.0152 | 0.2876 |
| 332 | 15.7 | 14.5 | 3.1873 | 1.805 | -0.0028 | 4.9895 | 0.0214 | 0.2628 | 0.017 | 0.3012 |
| 333 | 15.6 | 14.3 | 3.1877 | 1.8045 | -0.0028 | 4.9894 | 0.0271 | 0.2773 | 0.0174 | 0.3217 |
| 334 | 14.3 | 14.1 | 3.1877 | 1.8044 | -0.0027 | 4.9894 | 0.0238 | 0.2861 | 0.0143 | 0.3242 |
| 335 | 13.8 | 13.8 | 3.1873 | 1.8042 | -0.0025 | 4.989 | 0.015 | 0.287 | 0.0117 | 0.3137 |
| 336 | 13.9 | 13.5 | 3.1869 | 1.8038 | -0.0023 | 4.9884 | 0.0073 | 0.2866 | 0.0095 | 0.3034 |
| 337 | 12.5 | 13.3 | 3.187 | 1.804 | -0.0023 | 4.9887 | 0.0004 | 0.2908 | 0.0089 | 0.3001 |
| 338 | 12 | 13 | 3.1868 | 1.8042 | -0.0023 | 4.9887 | -0.0166 | 0.2844 | 0.01 | 0.2778 |
| 339 | 12.5 | 12.8 | 3.1871 | 1.8041 | -0.0024 | 4.9888 | -0.0192 | 0.2856 | 0.0088 | 0.2753 |
| 340 | 11.9 | 12.6 | 3.1875 | 1.8041 | -0.0025 | 4.9891 | -0.0194 | 0.2869 | 0.0065 | 0.2739 |
| 341 | 11.9 | 12.4 | 3.1869 | 1.8041 | -0.0026 | 4.9883 | -0.0262 | 0.2908 | 0.0026 | 0.2673 |
| 342 | 11.4 | 12.1 | 3.1865 | 1.8038 | -0.0026 | 4.9877 | -0.0284 | 0.2917 | -0.0012 | 0.2621 |
| 343 | 11.5 | 11.8 | 3.1865 | 1.8037 | -0.0025 | 4.9877 | -0.0314 | 0.2927 | 0 | 0.2613 |
| 344 | 11.7 | 11.6 | 3.1863 | 1.8031 | -0.0026 | 4.9868 | -0.0347 | 0.2867 | 0.0003 | 0.2523 |
| 345 | 11.1 | 11.5 | 3.1859 | 1.8033 | -0.0027 | 4.9865 | -0.0398 | 0.2749 | -0.0003 | 0.2349 |
| 346 | 10.9 | 11.3 | 3.1855 | 1.8033 | -0.0027 | 4.9861 | -0.038 | 0.2654 | 0.0008 | 0.2282 |
| 347 | 11.3 | 11.2 | 3.1838 | 1.8033 | -0.0027 | 4.9843 | -0.0406 | 0.2592 | 0.001 | 0.2197 |
| 348 | 10.5 | 11.1 | 3.1833 | 1.8036 | -0.0028 | 4.9842 | -0.0344 | 0.2502 | 0.0049 | 0.2207 |
| 349 | 11.6 | 11 | 3.183 | 1.8039 | -0.0028 | 4.984 | -0.0449 | 0.2403 | 0.0094 | 0.2048 |
| 350 | 10.9 | 10.9 | 3.1828 | 1.8037 | -0.0029 | 4.9836 | -0.0404 | 0.2319 | 0.015 | 0.2065 |
| 351 | 10.6 | 10.8 | 3.1823 | 1.8034 | -0.0028 | 4.9829 | -0.0308 | 0.2327 | 0.0193 | 0.2211 |
| 352 | 10.4 | 10.8 | 3.1817 | 1.8031 | -0.0028 | 4.982 | -0.0265 | 0.2349 | 0.0208 | 0.2292 |
| 353 | 10.5 | 10.7 | 3.1814 | 1.8029 | -0.0028 | 4.9815 | -0.024 | 0.2406 | 0.0215 | 0.2381 |
| 354 | 10.5 | 10.6 | 3.1814 | 1.8027 | -0.0029 | 4.9812 | -0.0258 | 0.2427 | 0.0204 | 0.2373 |
| 355 | 10.8 | 10.5 | 3.1817 | 1.8026 | -0.0026 | 4.9816 | -0.0362 | 0.2465 | 0.02 | 0.2303 |
| 356 | 10.6 | 10.5 | 3.1825 | 1.8018 | -0.0025 | 4.9817 | -0.0376 | 0.2511 | 0.0207 | 0.2342 |
| 357 | 10.7 | 10.4 | 3.1826 | 1.8014 | -0.0025 | 4.9815 | -0.0273 | 0.2546 | 0.021 | 0.2483 |
| 358 | 10.6 | 10.4 | 3.1824 | 1.8015 | -0.0024 | 4.9815 | -0.0193 | 0.2657 | 0.0181 | 0.2645 |
| 359 | 9.93 | 10.3 | 3.1828 | 1.8013 | -0.0024 | 4.9818 | -0.0166 | 0.2697 | 0.014 | 0.2671 |
| 360 | 9.69 | 10.3 | 3.1829 | 1.8009 | -0.0021 | 4.9817 | -0.026 | 0.2656 | 0.0143 | 0.254 |
| 361 | 10.3 | 10.3 | 3.1823 | 1.8011 | -0.002 | 4.9814 | -0.0379 | 0.2598 | 0.0171 | 0.239 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 362 | 9.96 | 10.3 | 3.1825 | 1.8008 | -0.0017 | 4.9816 | -0.0521 | 0.2624 | 0.0185 | 0.2288 |
| 363 | 9.67 | 10.3 | 3.1824 | 1.8011 | -0.0015 | 4.982 | -0.0637 | 0.2639 | 0.0146 | 0.2148 |
| 364 | 10.3 | 10.3 | 3.1825 | 1.8016 | -0.0017 | 4.9824 | -0.0735 | 0.2656 | 0.0124 | 0.2045 |
| 365 | 10.6 | 10.3 | 3.183 | 1.8017 | -0.0021 | 4.9826 | -0.0804 | 0.2653 | 0.0113 | 0.1962 |
| 366 | 10.2 | 10.3 | 3.1843 | 1.8012 | -0.002 | 4.9835 | -0.0835 | 0.2619 | 0.0094 | 0.1878 |
| 367 | 9.87 | 10.3 | 3.1852 | 1.8014 | -0.0019 | 4.9847 | -0.0812 | 0.2547 | 0.0072 | 0.1808 |
| 368 | 10.1 | 10.3 | 3.1854 | 1.8015 | -0.0018 | 4.9851 | -0.0759 | 0.2497 | 0.002 | 0.1758 |
| 369 | 10.4 | 10.3 | 3.1847 | 1.8017 | -0.0018 | 4.9845 | -0.0675 | 0.2437 | -0.002 | 0.1741 |
| 370 | 9.89 | 10.4 | 3.1837 | 1.8024 | -0.002 | 4.9841 | -0.0658 | 0.2304 | -0.003 | 0.1616 |
| 371 | 10.3 | 10.4 | 3.1833 | 1.8029 | -0.002 | 4.9842 | -0.064 | 0.2175 | -0.0032 | 0.1503 |
| 372 | 10.6 | 10.4 | 3.182 | 1.8031 | -0.002 | 4.9831 | -0.0625 | 0.2056 | -0.0028 | 0.1402 |
| 373 | 10.7 | 10.4 | 3.181 | 1.8028 | -0.0022 | 4.9816 | -0.0625 | 0.1931 | -0.0019 | 0.1287 |
| 374 | 10.9 | 10.5 | 3.1802 | 1.8029 | -0.0024 | 4.9806 | -0.0603 | 0.1884 | -0.003 | 0.1251 |
| 375 | 10.9 | 10.4 | 3.1794 | 1.8031 | -0.0027 | 4.9799 | -0.0521 | 0.1903 | -0.0016 | 0.1367 |
| 376 | 10.6 | 10.4 | 3.1787 | 1.8028 | -0.0028 | 4.9787 | -0.0434 | 0.1866 | -0.0018 | 0.1414 |
| 377 | 10.7 | 10.5 | 3.1782 | 1.8028 | -0.0027 | 4.9784 | -0.0367 | 0.1813 | -0.0021 | 0.1425 |
| 378 | 10.4 | 10.5 | 3.1787 | 1.8026 | -0.0028 | 4.9785 | -0.0234 | 0.1816 | 0.0009 | 0.1591 |
| 379 | 10.9 | 10.5 | 3.1791 | 1.8019 | -0.003 | 4.978 | -0.0127 | 0.1766 | 0.0012 | 0.1651 |
| 380 | 10.8 | 10.6 | 3.1794 | 1.8014 | -0.003 | 4.9778 | -0.0011 | 0.1747 | 0.0029 | 0.1764 |
| 381 | 10.1 | 10.6 | 3.1794 | 1.8008 | -0.003 | 4.9771 | 0.0014 | 0.1768 | 0.0011 | 0.1793 |
| 382 | 10.1 | 10.5 | 3.1793 | 1.7999 | -0.0029 | 4.9763 | 0.0068 | 0.171 | -0.0007 | 0.1772 |
| 383 | 10.5 | 10.5 | 3.1797 | 1.7992 | -0.0026 | 4.9763 | 0.0123 | 0.1677 | 0.0012 | 0.1811 |
| 384 | 10 | 10.4 | 3.1806 | 1.7988 | -0.0024 | 4.9769 | 0.0206 | 0.1604 | 0.0014 | 0.1823 |
| 385 | 10.7 | 10.4 | 3.1814 | 1.7988 | -0.0023 | 4.978 | 0.0232 | 0.1549 | 0.0024 | 0.1805 |
| 386 | 10.8 | 10.4 | 3.1824 | 1.7982 | -0.0022 | 4.9784 | 0.0176 | 0.1501 | 0.0038 | 0.1716 |
| 387 | 10.7 | 10.3 | 3.1838 | 1.7984 | -0.0023 | 4.9799 | 0.0133 | 0.1446 | 0.0074 | 0.1653 |
| 388 | 10.4 | 10.3 | 3.1837 | 1.7981 | -0.0023 | 4.9795 | 0.0149 | 0.1478 | 0.0107 | 0.1734 |
| 389 | 10.4 | 10.3 | 3.184 | 1.7975 | -0.0022 | 4.9793 | 0.0151 | 0.1519 | 0.0109 | 0.1779 |
| 390 | 10.4 | 10.3 | 3.1845 | 1.7972 | -0.0019 | 4.9798 | 0.0134 | 0.1584 | 0.0129 | 0.1847 |
| 391 | 10.2 | 10.3 | 3.1851 | 1.797 | -0.0019 | 4.9802 | 0.0251 | 0.1658 | 0.0113 | 0.2021 |
| 392 | 9.96 | 10.3 | 3.1855 | 1.7968 | -0.0022 | 4.9801 | 0.0212 | 0.1723 | 0.009 | 0.2025 |
| 393 | 9.79 | 10.3 | 3.1855 | 1.7968 | -0.0022 | 4.98 | 0.0176 | 0.1729 | 0.0075 | 0.1981 |
| 394 | 9.71 | 10.3 | 3.1862 | 1.7966 | -0.0023 | 4.9805 | 0.0146 | 0.1738 | 0.0101 | 0.1985 |
| 395 | 10.1 | 10.3 | 3.1866 | 1.7966 | -0.0024 | 4.9809 | 0.0069 | 0.1715 | 0.01 | 0.1884 |
| 396 | 10.5 | 10.3 | 3.1879 | 1.7963 | -0.0024 | 4.9818 | -0.0033 | 0.1726 | 0.0076 | 0.1769 |
| 397 | 10.4 | 10.3 | 3.1885 | 1.7963 | -0.0025 | 4.9823 | -0.0065 | 0.1698 | 0.007 | 0.1703 |
| 398 | 10.4 | 10.3 | 3.1891 | 1.7964 | -0.0025 | 4.983 | -0.024 | 0.17 | 0.007 | 0.1529 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 399 | 10.2 | 10.3 | 3.1893 | 1.7967 | -0.0027 | 4.9833 | -0.0315 | 0.1697 | 0.0041 | 0.1423 |
| 400 | 10.2 | 10.4 | 3.1897 | 1.7968 | -0.003 | 4.9835 | -0.0396 | 0.1746 | 0.0057 | 0.1406 |
| 401 | 10.3 | 10.4 | 3.1898 | 1.7964 | -0.0031 | 4.9831 | -0.0435 | 0.1725 | 0.0045 | 0.1335 |
| 402 | 10.7 | 10.4 | 3.1899 | 1.7957 | -0.0032 | 4.9824 | -0.0486 | 0.1635 | 0.0056 | 0.1205 |
| 403 | 10.6 | 10.5 | 3.1899 | 1.7951 | -0.0032 | 4.9818 | -0.0539 | 0.1545 | 0.0044 | 0.105 |
| 404 | 10.4 | 10.5 | 3.1898 | 1.7945 | -0.0033 | 4.981 | -0.0522 | 0.1493 | 0.002 | 0.0992 |
| 405 | 10.5 | 10.5 | 3.1897 | 1.7937 | -0.0036 | 4.9797 | -0.0447 | 0.1427 | 0.0002 | 0.0982 |
| 406 | 10.2 | 10.6 | 3.1893 | 1.7932 | -0.0037 | 4.9788 | -0.0332 | 0.1339 | 0.0019 | 0.1027 |
| 407 | 10.7 | 10.6 | 3.1886 | 1.7924 | -0.0035 | 4.9775 | -0.0199 | 0.1232 | 0.0038 | 0.1071 |
| 408 | 10.2 | 10.6 | 3.188 | 1.7919 | -0.0033 | 4.9767 | -0.019 | 0.1218 | 0.0049 | 0.1077 |
| 409 | 11.6 | 10.6 | 3.1884 | 1.7919 | -0.0033 | 4.9771 | -0.0254 | 0.1219 | 0.007 | 0.1034 |
| 410 | 10.8 | 10.6 | 3.1883 | 1.7924 | -0.0036 | 4.9771 | -0.0142 | 0.1181 | 0.0074 | 0.1114 |
| 411 | 10.8 | 10.5 | 3.1887 | 1.7921 | -0.0036 | 4.9772 | -0.0027 | 0.1099 | 0.01 | 0.1173 |
| 412 | 10.8 | 10.5 | 3.1888 | 1.7919 | -0.0035 | 4.9773 | -0.004 | 0.1139 | 0.014 | 0.1238 |
| 413 | 10.6 | 10.4 | 3.189 | 1.7918 | -0.0034 | 4.9774 | -0.0031 | 0.1154 | 0.0181 | 0.1304 |
| 414 | 10.5 | 10.4 | 3.1892 | 1.7915 | -0.0035 | 4.9772 | -0.0049 | 0.125 | 0.0209 | 0.141 |
| 415 | 10.9 | 10.3 | 3.1897 | 1.7912 | -0.0037 | 4.9772 | -0.0066 | 0.1366 | 0.0198 | 0.1498 |
| 416 | 10.5 | 10.3 | 3.1902 | 1.7911 | -0.0037 | 4.9776 | -0.0058 | 0.1447 | 0.0158 | 0.1548 |
| 417 | 10.8 | 10.3 | 3.1906 | 1.7903 | -0.0036 | 4.9773 | 0.0085 | 0.1438 | 0.0144 | 0.1667 |
| 418 | 9.93 | 10.2 | 3.1909 | 1.7895 | -0.0033 | 4.9772 | 0.0122 | 0.1503 | 0.0125 | 0.1749 |
| 419 | 9.84 | 10.1 | 3.1915 | 1.7891 | -0.0031 | 4.9775 | 0.0086 | 0.1484 | 0.0121 | 0.169 |
| 420 | 9.73 | 10 | 3.1915 | 1.7891 | -0.0029 | 4.9777 | -0.0032 | 0.1534 | 0.0116 | 0.1618 |
| 421 | 9.68 | 9.97 | 3.1916 | 1.7895 | -0.0027 | 4.9784 | -0.0198 | 0.1606 | 0.0123 | 0.1531 |
| 422 | 9.5 | 9.9 | 3.1915 | 1.7899 | -0.0027 | 4.9786 | -0.0332 | 0.1629 | 0.0147 | 0.1444 |
| 423 | 9.34 | 9.87 | 3.1913 | 1.7901 | -0.0026 | 4.9787 | -0.0517 | 0.1633 | 0.0146 | 0.1262 |
| 424 | 9.73 | 9.83 | 3.1911 | 1.7895 | -0.0026 | 4.978 | -0.0676 | 0.1623 | 0.0105 | 0.1052 |
| 425 | 10.1 | 9.76 | 3.1909 | 1.7895 | -0.0026 | 4.9779 | -0.0746 | 0.1637 | 0.0061 | 0.0952 |
| 426 | 10 | 9.7 | 3.1906 | 1.7897 | -0.0027 | 4.9776 | -0.0792 | 0.1602 | 0.0028 | 0.0838 |
| 427 | 9.15 | 9.65 | 3.1898 | 1.7893 | -0.0029 | 4.9761 | -0.0847 | 0.1541 | 0.0004 | 0.0698 |
| 428 | 9.06 | 9.66 | 3.1892 | 1.7891 | -0.003 | 4.9752 | -0.085 | 0.1574 | 0.0026 | 0.0749 |
| 429 | 9.51 | 9.67 | 3.1878 | 1.789 | -0.0031 | 4.9737 | -0.0698 | 0.1553 | 0.0036 | 0.0891 |
| 430 | 9.78 | 9.7 | 3.1872 | 1.7885 | -0.003 | 4.9727 | -0.0646 | 0.1541 | 0.002 | 0.0915 |
| 431 | 9.39 | 9.71 | 3.1865 | 1.7884 | -0.0029 | 4.972 | -0.0543 | 0.1416 | 0.001 | 0.0883 |
| 432 | 10 | 9.71 | 3.186 | 1.7883 | -0.003 | 4.9713 | -0.0503 | 0.1362 | 0.0006 | 0.0865 |
| 433 | 9.81 | 9.72 | 3.1856 | 1.7885 | -0.0029 | 4.9712 | -0.0428 | 0.1277 | 0.002 | 0.0869 |
| 434 | 9.58 | 9.7 | 3.1853 | 1.7889 | -0.0029 | 4.9714 | -0.041 | 0.1209 | 0.0063 | 0.0862 |
| 435 | 9.39 | 9.68 | 3.1855 | 1.7892 | -0.0029 | 4.9718 | -0.0449 | 0.1253 | 0.0102 | 0.0905 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 436 | 9.83 | 9.66 | 3.1856 | 1.7893 | -0.0031 | 4.9719 | -0.0549 | 0.1365 | 0.0106 | 0.0922 |
| 437 | 10.1 | 9.69 | 3.1855 | 1.7892 | -0.0034 | 4.9713 | -0.0581 | 0.1344 | 0.0109 | 0.0872 |
| 438 | 10.1 | 9.75 | 3.1853 | 1.789 | -0.0034 | 4.9709 | -0.0533 | 0.1378 | 0.01 | 0.0945 |
| 439 | 10.1 | 9.74 | 3.1857 | 1.7883 | -0.0037 | 4.9703 | -0.0621 | 0.1352 | 0.0083 | 0.0814 |
| 440 | 9.97 | 9.76 | 3.185 | 1.7875 | -0.0036 | 4.9689 | -0.0629 | 0.1284 | 0.0094 | 0.0749 |
| 441 | 9.4 | 9.79 | 3.1848 | 1.7868 | -0.0035 | 4.9681 | -0.0546 | 0.129 | 0.0115 | 0.086 |
| 442 | 9.53 | 9.78 | 3.1847 | 1.7866 | -0.0034 | 4.9679 | -0.0448 | 0.1308 | 0.0113 | 0.0974 |
| 443 | 9.49 | 9.79 | 3.185 | 1.7863 | -0.0035 | 4.9678 | -0.048 | 0.1307 | 0.0097 | 0.0924 |
| 444 | 9.57 | 9.81 | 3.1856 | 1.786 | -0.0036 | 4.9679 | -0.0486 | 0.1311 | 0.0093 | 0.0917 |
| 445 | 9.71 | 9.84 | 3.1862 | 1.786 | -0.0035 | 4.9688 | -0.0394 | 0.1324 | 0.0083 | 0.1013 |
| 446 | 9.85 | 9.85 | 3.1862 | 1.7863 | -0.0034 | 4.9691 | -0.0361 | 0.1328 | 0.0072 | 0.1038 |
| 447 | 10.2 | 9.84 | 3.1862 | 1.7863 | -0.0034 | 4.9691 | -0.0262 | 0.1289 | 0.0057 | 0.1085 |
| 448 | 9.28 | 9.84 | 3.1865 | 1.7866 | -0.0032 | 4.9699 | -0.0173 | 0.1305 | 0.0054 | 0.1186 |
| 449 | 10.1 | 9.79 | 3.1869 | 1.7864 | -0.0034 | 4.97 | -0.0099 | 0.1315 | 0.01 | 0.1316 |
| 450 | 9.99 | 9.81 | 3.1871 | 1.7864 | -0.0033 | 4.9702 | -0.0052 | 0.139 | 0.0101 | 0.1438 |
| 451 | 9.82 | 9.8 | 3.1872 | 1.7871 | -0.0034 | 4.9709 | 0.011 | 0.1431 | 0.005 | 0.1591 |
| 452 | 9.98 | 9.83 | 3.1871 | 1.7877 | -0.0033 | 4.9715 | 0.0131 | 0.1428 | 0.003 | 0.159 |
| 453 | 9.84 | 9.87 | 3.1866 | 1.788 | -0.003 | 4.9716 | 0.0063 | 0.141 | 0.0001 | 0.1474 |
| 454 | 9.96 | 9.88 | 3.1858 | 1.7884 | -0.0029 | 4.9714 | -0.0033 | 0.1408 | -0.0042 | 0.1333 |
| 455 | 10.1 | 9.87 | 3.185 | 1.7892 | -0.0028 | 4.9713 | -0.0033 | 0.1357 | -0.0084 | 0.124 |
| 456 | 9.93 | 9.85 | 3.1845 | 1.7895 | -0.0029 | 4.971 | 0.0035 | 0.1256 | -0.0103 | 0.1188 |
| 457 | 10 | 9.83 | 3.1845 | 1.7892 | -0.003 | 4.9707 | 0.0098 | 0.1178 | -0.01 | 0.1175 |
| 458 | 9.29 | 9.86 | 3.1849 | 1.7893 | -0.0031 | 4.9711 | 0.0108 | 0.1037 | -0.0067 | 0.1079 |
| 459 | 10.3 | 9.89 | 3.1842 | 1.7895 | -0.0031 | 4.9706 | 0.003 | 0.0971 | -0.0016 | 0.0986 |
| 460 | 9.3 | 9.93 | 3.1832 | 1.7899 | -0.0031 | 4.97 | 0.01 | 0.097 | 0.0014 | 0.1084 |
| 461 | 10 | 9.96 | 3.1827 | 1.7897 | -0.0034 | 4.969 | 0.0126 | 0.1032 | 0.0015 | 0.1173 |
| 462 | 10.3 | 9.98 | 3.1828 | 1.7893 | -0.0035 | 4.9685 | 0.0172 | 0.1037 | -0.0005 | 0.1204 |
| 463 | 9.72 | 10 | 3.1829 | 1.7886 | -0.0036 | 4.9679 | 0.0056 | 0.1059 | -0.0007 | 0.1108 |
| 464 | 9.47 | 10 | 3.1832 | 1.788 | -0.0037 | 4.9674 | 0.0017 | 0.1046 | -0.001 | 0.1052 |
| 465 | 9.46 | 10.1 | 3.1836 | 1.7872 | -0.0036 | 4.9672 | -0.0001 | 0.1041 | -0.0019 | 0.1021 |
| 466 | 9.72 | 10.1 | 3.1835 | 1.7868 | -0.0034 | 4.9668 | 0.0043 | 0.1058 | -0.0018 | 0.1082 |
| 467 | 9.89 | 10.1 | 3.184 | 1.7863 | -0.0031 | 4.9672 | 0.0086 | 0.107 | -0.0004 | 0.1152 |
| 468 | 10.8 | 10.1 | 3.1846 | 1.7866 | -0.003 | 4.9682 | 0.0115 | 0.1003 | 0.0016 | 0.1135 |
| 469 | 10.7 | 10.1 | 3.185 | 1.7863 | -0.003 | 4.9684 | 0.0145 | 0.0916 | 0.0036 | 0.1097 |
| 470 | 10.5 | 10.2 | 3.1857 | 1.7863 | -0.0032 | 4.9688 | 0.0207 | 0.0928 | 0.0043 | 0.1178 |
| 471 | 10.2 | 10.2 | 3.1866 | 1.7866 | -0.0034 | 4.9698 | 0.0291 | 0.0919 | 0.0067 | 0.1277 |
| 472 | 10.3 | 10.2 | 3.1872 | 1.7867 | -0.0035 | 4.9704 | 0.0333 | 0.0984 | 0.0087 | 0.1404 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 473 | 10.6 | 10.3 | 3.1878 | 1.7866 | -0.0033 | 4.9711 | 0.034 | 0.1 | 0.0098 | 0.1438 |
| 474 | 10.9 | 10.3 | 3.1876 | 1.7865 | -0.003 | 4.9711 | 0.0343 | 0.0996 | 0.0096 | 0.1435 |
| 475 | 10.4 | 10.4 | 3.1874 | 1.7871 | -0.0029 | 4.9715 | 0.0227 | 0.0983 | 0.0086 | 0.1297 |
| 476 | 10 | 10.5 | 3.1871 | 1.7874 | -0.0028 | 4.9717 | 0.0127 | 0.1043 | 0.0096 | 0.1266 |
| 477 | 9.84 | 10.5 | 3.1867 | 1.7871 | -0.003 | 4.9709 | 0.0075 | 0.109 | 0.0087 | 0.1251 |
| 478 | 9.7 | 10.4 | 3.1857 | 1.7871 | -0.0032 | 4.9696 | 0.0008 | 0.1035 | 0.006 | 0.1103 |
| 479 | 10.2 | 10.4 | 3.1856 | 1.7865 | -0.0032 | 4.9689 | -0.0041 | 0.1034 | 0.0033 | 0.1026 |
| 480 | 10.3 | 10.4 | 3.1848 | 1.7872 | -0.0031 | 4.9689 | -0.0208 | 0.1064 | 0.0006 | 0.0862 |
| 481 | 11 | 10.4 | 3.1844 | 1.7872 | -0.0031 | 4.9685 | -0.026 | 0.1029 | 0.0012 | 0.0781 |
| 482 | 10.9 | 10.3 | 3.1835 | 1.7872 | -0.0031 | 4.9676 | -0.025 | 0.0969 | 0.0026 | 0.0745 |
| 483 | 11.1 | 10.3 | 3.1838 | 1.7871 | -0.0032 | 4.9677 | -0.0247 | 0.0949 | 0.0014 | 0.0716 |
| 484 | 10.7 | 10.3 | 3.185 | 1.7863 | -0.0034 | 4.9679 | -0.0287 | 0.0936 | 0.0008 | 0.0657 |
| 485 | 10.6 | 10.3 | 3.1869 | 1.7852 | -0.0034 | 4.9687 | -0.0271 | 0.1003 | 0.0003 | 0.0735 |
| 486 | 10.3 | 10.3 | 3.1882 | 1.7848 | -0.0033 | 4.9697 | -0.017 | 0.1022 | 0.0014 | 0.0866 |
| 487 | 9.97 | 10.4 | 3.1891 | 1.7847 | -0.0033 | 4.9705 | -0.0111 | 0.1001 | 0.0004 | 0.0894 |
| 488 | 10 | 10.4 | 3.1899 | 1.7846 | -0.0031 | 4.9714 | -0.0088 | 0.0926 | -0.0027 | 0.0811 |
| 489 | 10.4 | 10.4 | 3.1903 | 1.7846 | -0.0031 | 4.9718 | -0.0107 | 0.093 | -0.0037 | 0.0787 |
| 490 | 10.1 | 10.4 | 3.19 | 1.7843 | -0.0031 | 4.9712 | -0.0029 | 0.0879 | -0.0084 | 0.0765 |
| 491 | 9.42 | 10.4 | 3.1896 | 1.7839 | -0.003 | 4.9704 | -0.012 | 0.0797 | -0.0071 | 0.0606 |
| 492 | 9.93 | 10.4 | 3.1904 | 1.7837 | -0.0031 | 4.9709 | -0.0152 | 0.0728 | -0.0064 | 0.0512 |
| 493 | 10.5 | 10.3 | 3.1904 | 1.7836 | -0.0032 | 4.9708 | -0.0246 | 0.0708 | -0.008 | 0.0382 |
| 494 | 10.7 | 10.3 | 3.1901 | 1.7834 | -0.0031 | 4.9704 | -0.0214 | 0.0646 | -0.0093 | 0.0339 |
| 495 | 10.9 | 10.3 | 3.1903 | 1.7834 | -0.0031 | 4.9705 | -0.007 | 0.0616 | -0.0094 | 0.0452 |
| 496 | 10.6 | 10.3 | 3.1905 | 1.7834 | -0.003 | 4.9709 | 0.004 | 0.0645 | -0.0073 | 0.0612 |
| 497 | 10.4 | 10.3 | 3.1902 | 1.7832 | -0.003 | 4.9704 | 0.0045 | 0.0705 | -0.0052 | 0.0698 |
| 498 | 10 | 10.3 | 3.1901 | 1.7832 | -0.0035 | 4.9698 | 0.0034 | 0.0691 | -0.004 | 0.0685 |
| 499 | 10.1 | 10.3 | 3.1898 | 1.7828 | -0.0037 | 4.9689 | -0.0023 | 0.0775 | -0.0003 | 0.0749 |
| 500 | 10.8 | 10.4 | 3.1886 | 1.7824 | -0.0035 | 4.9675 | -0.0069 | 0.0829 | -0.0003 | 0.0758 |
| 501 | 10.2 | 10.4 | 3.1885 | 1.7821 | -0.0034 | 4.9672 | -0.0073 | 0.0917 | 0.0008 | 0.0851 |
| 502 | 10.5 | 10.4 | 3.1893 | 1.7816 | -0.0032 | 4.9677 | -0.0044 | 0.1035 | 0.0009 | 0.1 |
| 503 | 10.4 | 10.4 | 3.1902 | 1.781 | -0.0028 | 4.9684 | -0.0047 | 0.1066 | 0.0012 | 0.103 |
| 504 | 10.6 | 10.3 | 3.1901 | 1.781 | -0.0025 | 4.9686 | -0.0057 | 0.1053 | 0.005 | 0.1045 |
| 505 | 10.4 | 10.3 | 3.1893 | 1.7811 | -0.0026 | 4.9678 | -0.0116 | 0.1086 | 0.0061 | 0.1031 |
| 506 | 10.3 | 10.3 | 3.1883 | 1.7814 | -0.0027 | 4.967 | -0.021 | 0.1214 | 0.0077 | 0.1081 |
| 507 | 10.2 | 10.3 | 3.1875 | 1.782 | -0.0028 | 4.9667 | -0.0254 | 0.1276 | 0.0069 | 0.1091 |
| 508 | 10.1 | 10.4 | 3.1877 | 1.7822 | -0.0031 | 4.9668 | -0.023 | 0.1345 | 0.0051 | 0.1166 |
| 509 | 10.7 | 10.4 | 3.1874 | 1.7823 | -0.0035 | 4.9662 | -0.0155 | 0.1404 | 0.0045 | 0.1294 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 510 | 9.71 | 10.4 | 3.187 | 1.782 | -0.0037 | 4.9653 | -0.0212 | 0.1362 | 0.005 | 0.12 |
| 511 | 9.72 | 10.4 | 3.187 | 1.7817 | -0.0036 | 4.9651 | -0.0318 | 0.1376 | 0.006 | 0.1118 |
| 512 | 10.7 | 10.4 | 3.1883 | 1.7813 | -0.0034 | 4.9662 | -0.0433 | 0.1402 | 0.0084 | 0.1052 |
| 513 | 10.3 | 10.4 | 3.1888 | 1.7813 | -0.0033 | 4.9668 | -0.0522 | 0.1423 | 0.008 | 0.0981 |
| 514 | 10.1 | 10.4 | 3.1892 | 1.7811 | -0.0033 | 4.967 | -0.0559 | 0.141 | 0.0071 | 0.0922 |
| 515 | 10.1 | 10.4 | 3.1893 | 1.7806 | -0.0035 | 4.9664 | -0.0566 | 0.1385 | 0.007 | 0.089 |
| 516 | 10.7 | 10.4 | 3.1894 | 1.7804 | -0.0037 | 4.9661 | -0.0572 | 0.1366 | 0.008 | 0.0874 |
| 517 | 11.4 | 10.4 | 3.1894 | 1.7803 | -0.0038 | 4.9659 | -0.0582 | 0.133 | 0.0113 | 0.086 |
| 518 | 10.4 | 10.4 | 3.1895 | 1.7804 | -0.0036 | 4.9662 | -0.049 | 0.1281 | 0.0136 | 0.0926 |
| 519 | 10.5 | 10.4 | 3.1894 | 1.7799 | -0.0035 | 4.9658 | -0.0426 | 0.1381 | 0.0154 | 0.1109 |
| 520 | 10.6 | 10.4 | 3.1886 | 1.7799 | -0.0036 | 4.9649 | -0.0413 | 0.1415 | 0.0159 | 0.1161 |
| 521 | 11 | 10.4 | 3.1883 | 1.7797 | -0.0036 | 4.9643 | -0.0365 | 0.1395 | 0.0131 | 0.1162 |
| 522 | 10 | 10.4 | 3.1881 | 1.7799 | -0.0037 | 4.9643 | -0.0281 | 0.14 | 0.0101 | 0.1219 |
| 523 | 10.6 | 10.3 | 3.1879 | 1.7801 | -0.0036 | 4.9644 | -0.0238 | 0.1423 | 0.0101 | 0.1286 |
| 524 | 10.2 | 10.3 | 3.1888 | 1.7797 | -0.0035 | 4.965 | -0.0129 | 0.1366 | 0.0113 | 0.135 |
| 525 | 10.6 | 10.3 | 3.1897 | 1.7791 | -0.0036 | 4.9652 | -0.0024 | 0.1305 | 0.0145 | 0.1426 |
| 526 | 10.1 | 10.3 | 3.1899 | 1.7788 | -0.0035 | 4.9651 | 0.0022 | 0.1352 | 0.0167 | 0.1541 |
| 527 | 10.1 | 10.3 | 3.1897 | 1.7789 | -0.0035 | 4.9651 | 0.0083 | 0.1354 | 0.0181 | 0.1619 |
| 528 | 10.2 | 10.3 | 3.1896 | 1.7787 | -0.0033 | 4.9649 | 0.0128 | 0.1272 | 0.0144 | 0.1544 |
| 529 | 10.2 | 10.3 | 3.1899 | 1.7783 | -0.0031 | 4.9651 | 0.0006 | 0.1226 | 0.0119 | 0.1351 |
| 530 | 9.61 | 10.3 | 3.1898 | 1.7782 | -0.0031 | 4.9649 | -0.004 | 0.1152 | 0.0096 | 0.1208 |
| 531 | 10.2 | 10.3 | 3.189 | 1.7787 | -0.0032 | 4.9646 | -0.0132 | 0.1225 | 0.0096 | 0.1189 |
| 532 | 9.97 | 10.2 | 3.1885 | 1.7788 | -0.0031 | 4.9642 | -0.0201 | 0.1246 | 0.0113 | 0.1158 |
| 533 | 10 | 10.2 | 3.1885 | 1.7791 | -0.003 | 4.9646 | -0.0337 | 0.1315 | 0.012 | 0.1098 |
| 534 | 9.94 | 10.2 | 3.188 | 1.7789 | -0.0029 | 4.964 | -0.0301 | 0.1367 | 0.0117 | 0.1183 |
| 535 | 10.7 | 10.2 | 3.1872 | 1.779 | -0.003 | 4.9631 | -0.0081 | 0.1284 | 0.0105 | 0.1308 |
| 536 | 10.8 | 10.2 | 3.1867 | 1.7793 | -0.0031 | 4.9629 | 0.0167 | 0.1254 | 0.0132 | 0.1553 |
| 537 | 10.5 | 10.2 | 3.1864 | 1.7799 | -0.0031 | 4.9632 | 0.0413 | 0.1233 | 0.0154 | 0.18 |
| 538 | 10.2 | 10.2 | 3.1864 | 1.7797 | -0.003 | 4.9631 | 0.0509 | 0.1311 | 0.0178 | 0.1998 |
| 539 | 10.5 | 10.2 | 3.186 | 1.7795 | -0.0028 | 4.9627 | 0.0559 | 0.1403 | 0.0176 | 0.2139 |
| 540 | 10.3 | 10.2 | 3.1862 | 1.7795 | -0.0029 | 4.9628 | 0.0563 | 0.1486 | 0.0138 | 0.2188 |
| 541 | 9.54 | 10.3 | 3.1863 | 1.7796 | -0.0029 | 4.9629 | 0.054 | 0.1485 | 0.0111 | 0.2136 |
| 542 | 10.6 | 10.3 | 3.1872 | 1.7795 | -0.0026 | 4.9641 | 0.0436 | 0.1473 | 0.0091 | 0.2 |
| 543 | 10.1 | 10.3 | 3.1872 | 1.7799 | -0.0026 | 4.9644 | 0.0425 | 0.1429 | 0.0047 | 0.1901 |
| 544 | 9.75 | 10.4 | 3.1863 | 1.7798 | -0.0027 | 4.9634 | 0.0313 | 0.1419 | 0.0018 | 0.175 |
| 545 | 9.84 | 10.4 | 3.1858 | 1.7796 | -0.0027 | 4.9626 | 0.0217 | 0.1382 | 0.0011 | 0.161 |
| 546 | 10.1 | 10.4 | 3.1857 | 1.7792 | -0.0029 | 4.9621 | 0.0101 | 0.1323 | 0.0029 | 0.1454 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 547 | 10.2 | 10.4 | 3.1859 | 1.7794 | -0.003 | 4.9622 | 0.0063 | 0.1343 | 0.0043 | 0.1448 |
| 548 | 10.4 | 10.4 | 3.1867 | 1.7789 | -0.0032 | 4.9624 | 0.0062 | 0.1307 | 0.0036 | 0.1404 |
| 549 | 10.8 | 10.5 | 3.1876 | 1.7781 | -0.0034 | 4.9624 | 0.018 | 0.1307 | -0.0011 | 0.1476 |
| 550 | 10.6 | 10.5 | 3.1879 | 1.7773 | -0.0034 | 4.9617 | 0.0248 | 0.1212 | -0.0023 | 0.1437 |
| 551 | 10.9 | 10.6 | 3.1876 | 1.7767 | -0.0035 | 4.9609 | 0.0205 | 0.1129 | 0.0027 | 0.136 |
| 552 | 10.2 | 10.5 | 3.1876 | 1.777 | -0.0034 | 4.9612 | 0.0248 | 0.1091 | 0.0082 | 0.1421 |
| 553 | 11.2 | 10.5 | 3.1872 | 1.7775 | -0.0035 | 4.9612 | 0.0396 | 0.1077 | 0.0137 | 0.1611 |
| 554 | 10.5 | 10.6 | 3.187 | 1.7776 | -0.0035 | 4.9611 | 0.0581 | 0.1046 | 0.0185 | 0.1812 |
| 555 | 11.2 | 10.5 | 3.1871 | 1.777 | -0.0036 | 4.9605 | 0.0573 | 0.1159 | 0.0218 | 0.195 |
| 556 | 10.5 | 10.5 | 3.187 | 1.7767 | -0.0036 | 4.9601 | 0.054 | 0.1177 | 0.0219 | 0.1936 |
| 557 | 11 | 10.5 | 3.1868 | 1.7757 | -0.0035 | 4.959 | 0.0479 | 0.1267 | 0.02 | 0.1946 |
| 558 | 11.3 | 10.5 | 3.1864 | 1.7753 | -0.0036 | 4.9582 | 0.0404 | 0.1451 | 0.0174 | 0.2029 |
| 559 | 10.9 | 10.4 | 3.1863 | 1.7759 | -0.0036 | 4.9586 | 0.0408 | 0.1514 | 0.012 | 0.2042 |
| 560 | 10.6 | 10.4 | 3.1864 | 1.7762 | -0.0037 | 4.9588 | 0.0306 | 0.1508 | 0.0068 | 0.1881 |
| 561 | 10.1 | 10.4 | 3.187 | 1.7757 | -0.0042 | 4.9585 | 0.0251 | 0.1524 | 0.0064 | 0.1838 |
| 562 | 9.85 | 10.4 | 3.188 | 1.775 | -0.0043 | 4.9587 | 0.0259 | 0.1556 | 0.0077 | 0.1892 |
| 563 | 10.4 | 10.4 | 3.1885 | 1.7745 | -0.0043 | 4.9587 | 0.0396 | 0.1556 | 0.0086 | 0.2039 |
| 564 | 9.76 | 10.4 | 3.1888 | 1.7741 | -0.0044 | 4.9585 | 0.0437 | 0.1535 | 0.0103 | 0.2075 |
| 565 | 9.8 | 10.3 | 3.1893 | 1.7735 | -0.0044 | 4.9584 | 0.0454 | 0.1409 | 0.0106 | 0.1969 |
| 566 | 9.71 | 10.3 | 3.1893 | 1.7735 | -0.0046 | 4.9582 | 0.0472 | 0.1335 | 0.0091 | 0.1897 |
| 567 | 9.8 | 10.2 | 3.1889 | 1.7735 | -0.0045 | 4.9579 | 0.055 | 0.1302 | 0.0065 | 0.1917 |
| 568 | 10.1 | 10.1 | 3.1888 | 1.7728 | -0.0045 | 4.9571 | 0.0683 | 0.1211 | 0.0024 | 0.1917 |
| 569 | 10.2 | 10 | 3.1892 | 1.7722 | -0.0046 | 4.9568 | 0.0765 | 0.1179 | 0.0048 | 0.1991 |
| 570 | 10.3 | 9.95 | 3.1894 | 1.7723 | -0.0045 | 4.9572 | 0.0822 | 0.1215 | 0.0088 | 0.2125 |
| 571 | 10.3 | 9.9 | 3.1894 | 1.7726 | -0.0044 | 4.9576 | 0.0696 | 0.134 | 0.0072 | 0.2109 |
| 572 | 10.9 | 9.9 | 3.1896 | 1.7725 | -0.0045 | 4.9576 | 0.0659 | 0.137 | 0.0046 | 0.2074 |
| 573 | 10.4 | 9.86 | 3.1891 | 1.7729 | -0.0044 | 4.9576 | 0.062 | 0.1453 | 0.0013 | 0.2085 |
| 574 | 10.3 | 9.86 | 3.1879 | 1.7735 | -0.0045 | 4.9568 | 0.0584 | 0.1467 | -0.0007 | 0.2044 |
| 575 | 9.71 | 9.87 | 3.1871 | 1.7736 | -0.0046 | 4.9561 | 0.066 | 0.1362 | -0.0039 | 0.1983 |
| 576 | 9.37 | 9.88 | 3.1863 | 1.7738 | -0.0046 | 4.9555 | 0.0676 | 0.1269 | -0.0074 | 0.1871 |
| 577 | 9.69 | 9.88 | 3.1854 | 1.7744 | -0.0044 | 4.9554 | 0.0663 | 0.1221 | -0.0101 | 0.1783 |
| 578 | 9.17 | 9.89 | 3.1857 | 1.7748 | -0.0044 | 4.9561 | 0.0656 | 0.1112 | -0.0118 | 0.1651 |
| 579 | 9.18 | 9.86 | 3.186 | 1.7749 | -0.0042 | 4.9568 | 0.0636 | 0.0967 | -0.0091 | 0.1512 |
| 580 | 9.16 | 9.83 | 3.1861 | 1.775 | -0.0041 | 4.957 | 0.0652 | 0.0947 | -0.0033 | 0.1566 |
| 581 | 9.84 | 9.81 | 3.1864 | 1.7747 | -0.0042 | 4.9569 | 0.0663 | 0.0931 | -0.0018 | 0.1577 |
| 582 | 9.73 | 9.75 | 3.1869 | 1.774 | -0.0043 | 4.9566 | 0.0596 | 0.0984 | -0.0016 | 0.1565 |
| 583 | 9.77 | 9.69 | 3.1868 | 1.7734 | -0.0044 | 4.9559 | 0.0498 | 0.0986 | 0.0001 | 0.1485 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 584 | 9.91 | 9.65 | 3.1859 | 1.7734 | -0.0045 | 4.9548 | 0.0487 | 0.0999 | 0.0007 | 0.1493 |
| 585 | 9.89 | 9.62 | 3.1853 | 1.7726 | -0.0047 | 4.9532 | 0.0485 | 0.0926 | 0.0013 | 0.1423 |
| 586 | 9.73 | 9.66 | 3.1841 | 1.7724 | -0.0048 | 4.9517 | 0.0469 | 0.0892 | 0.0006 | 0.1367 |
| 587 | 10.5 | 9.62 | 3.184 | 1.7716 | -0.0051 | 4.9505 | 0.0479 | 0.0917 | 0 | 0.1397 |
| 588 | 9.61 | 9.63 | 3.1843 | 1.7705 | -0.0049 | 4.95 | 0.0552 | 0.0933 | 0.0017 | 0.1502 |
| 589 | 9.68 | 9.66 | 3.1847 | 1.7698 | -0.0045 | 4.95 | 0.0642 | 0.0891 | 0.0064 | 0.1598 |
| 590 | 9.81 | 9.69 | 3.1846 | 1.7695 | -0.0042 | 4.9498 | 0.0612 | 0.0845 | 0.0096 | 0.1554 |
| 591 | 9.8 | 9.73 | 3.1852 | 1.7692 | -0.0039 | 4.9504 | 0.0636 | 0.086 | 0.0121 | 0.1617 |
| 592 | 9.28 | 9.8 | 3.1861 | 1.7694 | -0.0036 | 4.9519 | 0.0652 | 0.087 | 0.0122 | 0.1644 |
| 593 | 9.46 | 9.84 | 3.1872 | 1.7695 | -0.0033 | 4.9533 | 0.0741 | 0.0865 | 0.0157 | 0.1763 |
| 594 | 9.26 | 9.84 | 3.1879 | 1.7695 | -0.0032 | 4.9543 | 0.0695 | 0.093 | 0.0153 | 0.1777 |
| 595 | 10.1 | 9.86 | 3.1893 | 1.7701 | -0.0034 | 4.956 | 0.0603 | 0.0948 | 0.014 | 0.1691 |
| 596 | 9.04 | 9.87 | 3.1899 | 1.77 | -0.0034 | 4.9565 | 0.0591 | 0.0911 | 0.0115 | 0.1617 |
| 597 | 9.37 | 9.87 | 3.1896 | 1.7701 | -0.0034 | 4.9564 | 0.0569 | 0.0878 | 0.0092 | 0.1539 |
| 598 | 9.64 | 9.89 | 3.1883 | 1.7702 | -0.0034 | 4.9551 | 0.0484 | 0.0981 | 0.0088 | 0.1553 |
| 599 | 9.79 | 9.92 | 3.1873 | 1.7707 | -0.0035 | 4.9546 | 0.0576 | 0.0913 | 0.0064 | 0.1553 |
| 600 | 10.5 | 9.95 | 3.1866 | 1.7712 | -0.0038 | 4.9539 | 0.0689 | 0.0877 | 0.0062 | 0.1628 |
| 601 | 11.1 | 10 | 3.186 | 1.7712 | -0.0042 | 4.953 | 0.0773 | 0.0795 | 0.006 | 0.1627 |
| 602 | 10.6 | 10.1 | 3.1853 | 1.7708 | -0.0046 | 4.9515 | 0.0673 | 0.0831 | 0.0041 | 0.1546 |
| 603 | 9.92 | 10.1 | 3.1844 | 1.7705 | -0.0046 | 4.9503 | 0.0597 | 0.0972 | 0.0045 | 0.1614 |
| 604 | 10.1 | 10.2 | 3.1844 | 1.7694 | -0.0047 | 4.9491 | 0.0564 | 0.1046 | 0.0023 | 0.1633 |
| 605 | 9.88 | 10.2 | 3.1839 | 1.7693 | -0.0048 | 4.9485 | 0.0475 | 0.1104 | 0.0025 | 0.1604 |
| 606 | 10.5 | 10.3 | 3.1835 | 1.7688 | -0.0047 | 4.9476 | 0.0388 | 0.1073 | 0.0015 | 0.1476 |
| 607 | 9.96 | 10.2 | 3.1835 | 1.7675 | -0.0046 | 4.9464 | 0.0311 | 0.1073 | 0.0023 | 0.1407 |
| 608 | 10.2 | 10.2 | 3.1836 | 1.7671 | -0.0043 | 4.9464 | 0.0242 | 0.1025 | 0.0017 | 0.1284 |
| 609 | 10.5 | 10.2 | 3.1844 | 1.7672 | -0.0042 | 4.9474 | 0.0203 | 0.1011 | -0.0003 | 0.121 |
| 610 | 10.6 | 10.2 | 3.1845 | 1.7668 | -0.0043 | 4.947 | 0.0203 | 0.1099 | -0.0027 | 0.1274 |
| 611 | 10.7 | 10.1 | 3.1844 | 1.7661 | -0.0044 | 4.9462 | 0.0139 | 0.1227 | -0.0073 | 0.1293 |
| 612 | 10.4 | 9.96 | 3.1843 | 1.7657 | -0.0042 | 4.9458 | 0.0244 | 0.1204 | -0.0148 | 0.13 |
| 613 | 10.8 | 9.92 | 3.1845 | 1.7659 | -0.0043 | 4.9461 | 0.036 | 0.1145 | -0.0143 | 0.1362 |
| 614 | 10.3 | 9.88 | 3.1847 | 1.767 | -0.0044 | 4.9473 | 0.0479 | 0.1009 | -0.0158 | 0.133 |
| 615 | 9.92 | 9.89 | 3.1845 | 1.7673 | -0.0044 | 4.9474 | 0.0543 | 0.0915 | -0.0157 | 0.1302 |
| 616 | 9.12 | 9.86 | 3.1839 | 1.7673 | -0.0043 | 4.9469 | 0.0618 | 0.0796 | -0.0144 | 0.127 |
| 617 | 9.24 | 9.89 | 3.1826 | 1.7681 | -0.004 | 4.9468 | 0.0666 | 0.0765 | -0.0147 | 0.1283 |
| 618 | 9.76 | 9.89 | 3.1818 | 1.7686 | -0.0041 | 4.9463 | 0.0621 | 0.0748 | -0.0146 | 0.1223 |
| 619 | 9.58 | 9.86 | 3.1812 | 1.7677 | -0.0044 | 4.9445 | 0.0646 | 0.0667 | -0.014 | 0.1173 |
| 620 | 8.77 | 9.84 | 3.1816 | 1.7665 | -0.0043 | 4.9438 | 0.0793 | 0.0556 | -0.0132 | 0.1217 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 621 | 8.78 | 9.79 | 3.1817 | 1.766 | -0.0041 | 4.9436 | 0.0836 | 0.055 | -0.0124 | 0.1262 |
| 622 | 9.15 | 9.78 | 3.1819 | 1.7654 | -0.0038 | 4.9434 | 0.087 | 0.0614 | -0.0113 | 0.1371 |
| 623 | 9.52 | 9.75 | 3.182 | 1.7654 | -0.0035 | 4.944 | 0.0952 | 0.0662 | -0.0118 | 0.1496 |
| 624 | 9.94 | 9.79 | 3.1822 | 1.7661 | -0.0031 | 4.9452 | 0.0999 | 0.0678 | -0.0111 | 0.1566 |
| 625 | 9.94 | 9.84 | 3.1829 | 1.7664 | -0.0028 | 4.9465 | 0.1036 | 0.0695 | -0.0112 | 0.1619 |
| 626 | 10.6 | 9.9 | 3.1833 | 1.7665 | -0.0025 | 4.9473 | 0.095 | 0.0713 | -0.009 | 0.1574 |
| 627 | 10.2 | 9.94 | 3.1831 | 1.7678 | -0.0023 | 4.9486 | 0.0869 | 0.0784 | -0.0057 | 0.1596 |
| 628 | 10 | 9.95 | 3.1832 | 1.769 | -0.0024 | 4.9498 | 0.0766 | 0.0833 | -0.001 | 0.1589 |
| 629 | 10.1 | 9.97 | 3.1834 | 1.7689 | -0.0028 | 4.9494 | 0.0709 | 0.0932 | 0.0006 | 0.1648 |
| 630 | 9.91 | 10.1 | 3.1832 | 1.7689 | -0.0029 | 4.9491 | 0.0674 | 0.1032 | 0.0027 | 0.1733 |
| 631 | 10.2 | 10.1 | 3.1831 | 1.7689 | -0.003 | 4.9489 | 0.0655 | 0.11 | 0.0019 | 0.1774 |
| 632 | 10.2 | 10.2 | 3.1835 | 1.7689 | -0.0031 | 4.9493 | 0.0589 | 0.1126 | -0.0037 | 0.1678 |
| 633 | 11 | 10.3 | 3.1836 | 1.7691 | -0.003 | 4.9497 | 0.0601 | 0.1058 | -0.0078 | 0.1581 |
| 634 | 11 | 10.3 | 3.1832 | 1.7697 | -0.0031 | 4.9498 | 0.0583 | 0.0989 | -0.0058 | 0.1513 |
| 635 | 10.2 | 10.3 | 3.1825 | 1.7701 | -0.0031 | 4.9495 | 0.0441 | 0.1025 | -0.0051 | 0.1416 |
| 636 | 10 | 10.3 | 3.1819 | 1.7702 | -0.0031 | 4.949 | 0.0273 | 0.0985 | -0.0082 | 0.1175 |
| 637 | 9.99 | 10.3 | 3.1809 | 1.7706 | -0.0033 | 4.9482 | 0.0136 | 0.093 | -0.0114 | 0.0952 |
| 638 | 9.97 | 10.4 | 3.1799 | 1.7708 | -0.0037 | 4.9471 | 0.0135 | 0.08 | -0.0175 | 0.076 |
| 639 | 10.5 | 10.4 | 3.1799 | 1.771 | -0.0038 | 4.9471 | 0.0211 | 0.0669 | -0.016 | 0.072 |
| 640 | 9.99 | 10.4 | 3.1798 | 1.7709 | -0.0041 | 4.9466 | 0.0328 | 0.0584 | -0.0103 | 0.0809 |
| 641 | 10.2 | 10.5 | 3.1798 | 1.7709 | -0.0041 | 4.9465 | 0.0309 | 0.0601 | -0.0039 | 0.0871 |
| 642 | 10.8 | 10.5 | 3.1798 | 1.7708 | -0.0042 | 4.9464 | 0.0219 | 0.0701 | 0.0007 | 0.0928 |
| 643 | 10.4 | 10.5 | 3.1802 | 1.7706 | -0.0041 | 4.9467 | 0.0292 | 0.0708 | 0.0032 | 0.1033 |
| 644 | 10.3 | 10.5 | 3.1803 | 1.7703 | -0.0041 | 4.9465 | 0.0386 | 0.0718 | 0.0073 | 0.1177 |
| 645 | 10.3 | 10.5 | 3.1799 | 1.7705 | -0.0039 | 4.9465 | 0.0444 | 0.0827 | 0.0108 | 0.1378 |
| 646 | 10.9 | 10.5 | 3.18 | 1.7705 | -0.0038 | 4.9467 | 0.0626 | 0.0889 | 0.0103 | 0.1618 |
| 647 | 10.7 | 10.5 | 3.181 | 1.7695 | -0.0039 | 4.9467 | 0.0711 | 0.0882 | 0.0125 | 0.1718 |
| 648 | 10.5 | 10.6 | 3.181 | 1.7698 | -0.0038 | 4.9469 | 0.0716 | 0.0851 | 0.0098 | 0.1664 |
| 649 | 10.6 | 10.6 | 3.1807 | 1.7694 | -0.004 | 4.9461 | 0.0646 | 0.0858 | 0.0087 | 0.1591 |
| 650 | 11.3 | 10.6 | 3.1801 | 1.7693 | -0.004 | 4.9455 | 0.0533 | 0.0886 | 0.0082 | 0.1501 |
| 651 | 10.8 | 10.6 | 3.1809 | 1.7684 | -0.0039 | 4.9454 | 0.0481 | 0.089 | 0.0063 | 0.1434 |
| 652 | 10.8 | 10.6 | 3.1816 | 1.7673 | -0.0039 | 4.9451 | 0.0409 | 0.0886 | 0.0013 | 0.1308 |
| 653 | 10.3 | 10.6 | 3.1816 | 1.767 | -0.0037 | 4.9448 | 0.0279 | 0.0879 | -0.0015 | 0.1143 |
| 654 | 10.8 | 10.7 | 3.1823 | 1.7665 | -0.0038 | 4.945 | 0.0172 | 0.0882 | -0.0005 | 0.1049 |
| 655 | 10.7 | 10.7 | 3.1832 | 1.7663 | -0.0037 | 4.9457 | 0.0211 | 0.0738 | -0.0017 | 0.0931 |
| 656 | 10.3 | 10.6 | 3.1839 | 1.766 | -0.0038 | 4.9461 | 0.0165 | 0.0738 | -0.0029 | 0.0874 |
| 657 | 10.7 | 10.6 | 3.1844 | 1.7655 | -0.0037 | 4.9462 | 0.0149 | 0.0644 | -0.004 | 0.0754 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 658 | 10.3 | 10.6 | 3.1844 | 1.7652 | -0.0035 | 4.9461 | 0.015 | 0.0575 | -0.0026 | 0.0699 |
| 659 | 10.4 | 10.6 | 3.1843 | 1.7649 | -0.0033 | 4.9459 | 0.0217 | 0.0523 | -0.0002 | 0.0738 |
| 660 | 10.1 | 10.6 | 3.185 | 1.7639 | -0.003 | 4.9459 | 0.0294 | 0.0499 | -0.0023 | 0.077 |
| 661 | 10.6 | 10.5 | 3.1846 | 1.7636 | -0.0027 | 4.9455 | 0.0299 | 0.0451 | -0.0078 | 0.0673 |
| 662 | 11.4 | 10.5 | 3.1844 | 1.7636 | -0.0029 | 4.9451 | 0.031 | 0.033 | -0.0086 | 0.0555 |
| 663 | 11.2 | 10.5 | 3.1837 | 1.7644 | -0.0027 | 4.9454 | 0.0294 | 0.0258 | -0.0081 | 0.0471 |
| 664 | 10.5 | 10.5 | 3.1834 | 1.765 | -0.0028 | 4.9455 | 0.0283 | 0.0266 | -0.0078 | 0.0472 |
| 665 | 10 | 10.5 | 3.1831 | 1.7656 | -0.003 | 4.9457 | 0.03 | 0.0372 | -0.0088 | 0.0583 |
| 666 | 10.2 | 10.5 | 3.1826 | 1.7659 | -0.0031 | 4.9454 | 0.021 | 0.043 | -0.0127 | 0.0512 |
| 667 | 11 | 10.5 | 3.1827 | 1.766 | -0.003 | 4.9457 | 0.0087 | 0.0558 | -0.0131 | 0.0514 |
| 668 | 10.1 | 10.5 | 3.1824 | 1.7662 | -0.0031 | 4.9454 | -0.0059 | 0.0583 | -0.0111 | 0.0412 |
| 669 | 10.6 | 10.5 | 3.1812 | 1.7666 | -0.0033 | 4.9446 | -0.0051 | 0.0572 | -0.0131 | 0.039 |
| 670 | 10.1 | 10.5 | 3.181 | 1.7668 | -0.0033 | 4.9445 | -0.0072 | 0.047 | -0.0141 | 0.0256 |
| 671 | 10.4 | 10.5 | 3.1807 | 1.7665 | -0.0033 | 4.9439 | 0.0041 | 0.0331 | -0.01 | 0.0272 |
| 672 | 10.3 | 10.5 | 3.18 | 1.7659 | -0.0033 | 4.9426 | -0.0013 | 0.0318 | -0.0033 | 0.0272 |
| 673 | 9.96 | 10.5 | 3.1791 | 1.7661 | -0.0033 | 4.9419 | -0.0147 | 0.0349 | 0.0013 | 0.0215 |
| 674 | 10.7 | 10.5 | 3.1775 | 1.7665 | -0.0034 | 4.9407 | -0.0161 | 0.0436 | 0.0041 | 0.0316 |
| 675 | 10.4 | 10.6 | 3.1776 | 1.7664 | -0.0037 | 4.9404 | -0.0112 | 0.0503 | 0.0091 | 0.0481 |
| 676 | 10.3 | 10.6 | 3.1776 | 1.766 | -0.0041 | 4.9395 | 0.0053 | 0.0486 | 0.0126 | 0.0665 |
| 677 | 10.9 | 10.6 | 3.1778 | 1.7661 | -0.0043 | 4.9395 | 0.0024 | 0.0572 | 0.0175 | 0.0771 |
| 678 | 10.9 | 10.6 | 3.1786 | 1.7655 | -0.0044 | 4.9396 | -0.0009 | 0.0686 | 0.0219 | 0.0896 |
| 679 | 10.5 | 10.6 | 3.1793 | 1.7646 | -0.0044 | 4.9395 | 0.0005 | 0.0848 | 0.0196 | 0.1049 |
| 680 | 10.7 | 10.6 | 3.1796 | 1.764 | -0.0042 | 4.9393 | 0.0053 | 0.0818 | 0.0135 | 0.1006 |
| 681 | 10.8 | 10.6 | 3.1805 | 1.7634 | -0.0039 | 4.9401 | -0.0004 | 0.0813 | 0.011 | 0.0919 |
| 682 | 10.7 | 10.6 | 3.1809 | 1.7634 | -0.0035 | 4.9408 | -0.0032 | 0.0806 | 0.0107 | 0.088 |
| 683 | 10.9 | 10.7 | 3.181 | 1.7635 | -0.0038 | 4.9407 | 0.0052 | 0.0839 | 0.0108 | 0.1 |
| 684 | 11.5 | 10.6 | 3.1814 | 1.7632 | -0.004 | 4.9406 | 0.0075 | 0.095 | 0.013 | 0.1156 |
| 685 | 10.6 | 10.6 | 3.1825 | 1.7628 | -0.0039 | 4.9415 | -0.0015 | 0.1081 | 0.0146 | 0.1212 |
| 686 | 10.5 | 10.6 | 3.1827 | 1.7632 | -0.0037 | 4.9422 | -0.0149 | 0.1238 | 0.0143 | 0.1233 |
| 687 | 10.4 | 10.6 | 3.1827 | 1.7636 | -0.0033 | 4.9429 | -0.0415 | 0.1454 | 0.0117 | 0.1156 |
| 688 | 10.5 | 10.6 | 3.1822 | 1.7638 | -0.0033 | 4.9428 | -0.066 | 0.1688 | 0.0068 | 0.1096 |
| 689 | 10.5 | 10.6 | 3.1814 | 1.764 | -0.0035 | 4.9419 | -0.0756 | 0.1853 | -0.0006 | 0.109 |
| 690 | 10.3 | 10.6 | 3.1815 | 1.7635 | -0.0038 | 4.9411 | -0.076 | 0.1848 | -0.0052 | 0.1035 |
| 691 | 10.7 | 10.6 | 3.183 | 1.7622 | -0.004 | 4.9412 | -0.0774 | 0.1746 | -0.0125 | 0.0847 |
| 692 | 10.8 | 10.6 | 3.1832 | 1.7623 | -0.0039 | 4.9416 | -0.0833 | 0.1657 | -0.0094 | 0.0729 |
| 693 | 10.3 | 10.6 | 3.1834 | 1.7623 | -0.0041 | 4.9416 | -0.0963 | 0.1728 | -0.011 | 0.0656 |
| 694 | 10.3 | 10.5 | 3.1835 | 1.7613 | -0.0043 | 4.9405 | -0.0893 | 0.1654 | -0.0103 | 0.0659 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 695 | 10.2 | 10.5 | 3.183 | 1.7612 | -0.0044 | 4.9398 | -0.0828 | 0.1519 | -0.008 | 0.0611 |
| 696 | 10.8 | 10.5 | 3.1828 | 1.7611 | -0.0047 | 4.9393 | -0.0879 | 0.1471 | -0.0058 | 0.0534 |
| 697 | 10.9 | 10.4 | 3.1825 | 1.7616 | -0.0044 | 4.9397 | -0.0791 | 0.142 | -0.005 | 0.0579 |
| 698 | 10.7 | 10.4 | 3.1818 | 1.7616 | -0.0043 | 4.9392 | -0.0621 | 0.1321 | -0.0065 | 0.0635 |
| 699 | 10.9 | 10.4 | 3.182 | 1.7618 | -0.0043 | 4.9396 | -0.0572 | 0.1324 | -0.0061 | 0.0691 |
| 700 | 10.6 | 10.4 | 3.1817 | 1.7623 | -0.0044 | 4.9396 | -0.0542 | 0.1227 | -0.006 | 0.0624 |
| 701 | 10.8 | 10.3 | 3.1819 | 1.7623 | -0.0043 | 4.9399 | -0.0568 | 0.1167 | -0.0039 | 0.056 |
| 702 | 10.7 | 10.3 | 3.1825 | 1.762 | -0.0044 | 4.9401 | -0.05 | 0.1064 | 0.0002 | 0.0565 |
| 703 | 9.94 | 10.3 | 3.1827 | 1.7617 | -0.0046 | 4.9398 | -0.0439 | 0.0947 | 0.002 | 0.0528 |
| 704 | 9.57 | 10.2 | 3.1823 | 1.762 | -0.0045 | 4.9398 | -0.0399 | 0.0924 | 0.0004 | 0.0529 |
| 705 | 10 | 10.2 | 3.1823 | 1.762 | -0.0045 | 4.9398 | -0.03 | 0.0902 | -0.0009 | 0.0593 |
| 706 | 9.86 | 10.2 | 3.182 | 1.7623 | -0.0043 | 4.94 | -0.0142 | 0.0912 | -0.0006 | 0.0764 |
| 707 | 10.1 | 10.1 | 3.182 | 1.7618 | -0.0043 | 4.9394 | 0.0021 | 0.0835 | 0.0016 | 0.0872 |
| 708 | 10.5 | 10.1 | 3.1815 | 1.7619 | -0.0043 | 4.939 | 0.0076 | 0.08 | 0.005 | 0.0926 |
| 709 | 9.98 | 10.1 | 3.1814 | 1.7622 | -0.0039 | 4.9397 | 0.0006 | 0.0802 | 0.0075 | 0.0882 |
| 710 | 9.84 | 10.1 | 3.1815 | 1.7623 | -0.0036 | 4.9402 | -0.0079 | 0.0815 | 0.0114 | 0.0851 |
| 711 | 9.73 | 10.1 | 3.1813 | 1.7628 | -0.0035 | 4.9407 | -0.004 | 0.0778 | 0.0158 | 0.0896 |
| 712 | 9.48 | 10.1 | 3.1814 | 1.7631 | -0.0034 | 4.9411 | -0.0061 | 0.0729 | 0.0159 | 0.0827 |
| 713 | 9.74 | 10.1 | 3.1816 | 1.7633 | -0.0035 | 4.9414 | -0.0068 | 0.0713 | 0.0143 | 0.0788 |
| 714 | 10.1 | 10.2 | 3.1817 | 1.7633 | -0.0035 | 4.9415 | -0.011 | 0.08 | 0.0158 | 0.0848 |
| 715 | 10.2 | 10.2 | 3.1824 | 1.763 | -0.0031 | 4.9423 | -0.0156 | 0.0859 | 0.0141 | 0.0844 |
| 716 | 9.99 | 10.3 | 3.183 | 1.7618 | -0.003 | 4.9418 | -0.0212 | 0.0924 | 0.0111 | 0.0823 |
| 717 | 10.1 | 10.3 | 3.1832 | 1.7623 | -0.0029 | 4.9426 | -0.0236 | 0.0925 | 0.0091 | 0.078 |
| 718 | 10.6 | 10.3 | 3.1823 | 1.7629 | -0.0028 | 4.9424 | -0.021 | 0.0916 | 0.0092 | 0.0798 |
| 719 | 10.2 | 10.4 | 3.1819 | 1.763 | -0.003 | 4.9419 | -0.0204 | 0.0894 | 0.0086 | 0.0775 |
| 720 | 10.6 | 10.5 | 3.1812 | 1.7632 | -0.0033 | 4.9411 | -0.0337 | 0.1004 | 0.0072 | 0.074 |
| 721 | 10.7 | 10.5 | 3.1818 | 1.7628 | -0.0037 | 4.9409 | -0.033 | 0.1041 | 0.0062 | 0.0773 |
| 722 | 10.9 | 10.6 | 3.1833 | 1.7619 | -0.0039 | 4.9413 | -0.0287 | 0.0983 | 0.0051 | 0.0747 |
| 723 | 11.2 | 10.7 | 3.1836 | 1.7611 | -0.0039 | 4.9408 | -0.0286 | 0.0902 | 0.006 | 0.0675 |
| 724 | 10.6 | 10.7 | 3.1833 | 1.7611 | -0.004 | 4.9404 | -0.0343 | 0.0916 | 0.007 | 0.0643 |
| 725 | 10.9 | 10.8 | 3.1824 | 1.7616 | -0.0041 | 4.9398 | -0.0499 | 0.0951 | 0.006 | 0.0512 |
| 726 | 10.7 | 10.8 | 3.183 | 1.7608 | -0.0043 | 4.9396 | -0.0478 | 0.095 | 0.0024 | 0.0496 |
| 727 | 10.2 | 10.9 | 3.1832 | 1.7609 | -0.0045 | 4.9396 | -0.0433 | 0.0866 | 0.0009 | 0.0442 |
| 728 | 11.4 | 10.9 | 3.1832 | 1.7606 | -0.0044 | 4.9393 | -0.041 | 0.0904 | 0.0009 | 0.0504 |
| 729 | 11.5 | 10.9 | 3.1829 | 1.7607 | -0.0042 | 4.9394 | -0.0335 | 0.0932 | 0.0013 | 0.0609 |
| 730 | 10.5 | 10.9 | 3.1832 | 1.7607 | -0.004 | 4.9399 | -0.0291 | 0.0932 | 0.003 | 0.0671 |
| 731 | 11 | 10.9 | 3.1834 | 1.7608 | -0.0041 | 4.9401 | -0.0366 | 0.0971 | 0.0048 | 0.0653 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 732 | 11.4 | 10.9 | 3.183 | 1.7605 | -0.0042 | 4.9393 | -0.0371 | 0.0988 | 0.0084 | 0.0701 |
| 733 | 11.4 | 10.9 | 3.1828 | 1.7596 | -0.0044 | 4.9381 | -0.0494 | 0.1124 | 0.0109 | 0.074 |
| 734 | 11.3 | 10.9 | 3.1833 | 1.7588 | -0.0045 | 4.9377 | -0.046 | 0.1149 | 0.006 | 0.0749 |
| 735 | 10.9 | 10.8 | 3.184 | 1.7577 | -0.0045 | 4.9371 | -0.0395 | 0.11 | 0.003 | 0.0736 |
| 736 | 10.8 | 10.8 | 3.1861 | 1.7556 | -0.0043 | 4.9374 | -0.028 | 0.1017 | 0.0032 | 0.0768 |
| 737 | 10.9 | 10.8 | 3.1875 | 1.7537 | -0.0039 | 4.9372 | -0.0261 | 0.106 | 0.0048 | 0.0846 |
| 738 | 11 | 10.7 | 3.1875 | 1.7523 | -0.0036 | 4.9362 | -0.0217 | 0.1108 | 0.0063 | 0.0953 |
| 739 | 10.6 | 10.6 | 3.1875 | 1.7526 | -0.0033 | 4.9368 | -0.0288 | 0.1176 | 0.0041 | 0.093 |
| 740 | 10.3 | 10.6 | 3.1875 | 1.7535 | -0.0028 | 4.9382 | -0.0417 | 0.1253 | 0.003 | 0.0866 |
| 741 | 10.5 | 10.5 | 3.1881 | 1.7543 | -0.0032 | 4.9392 | -0.0471 | 0.13 | 0.0005 | 0.0834 |
| 742 | 10.5 | 10.4 | 3.1894 | 1.7535 | -0.0031 | 4.9399 | -0.0313 | 0.1181 | 0.0012 | 0.0881 |
| 743 | 10.4 | 10.4 | 3.1892 | 1.754 | -0.0031 | 4.9401 | -0.0389 | 0.1309 | 0.0011 | 0.0932 |
| 744 | 10.6 | 10.4 | 3.1885 | 1.7552 | -0.0033 | 4.9404 | -0.032 | 0.1222 | -0.0026 | 0.0876 |
| 745 | 10.4 | 10.3 | 3.1887 | 1.7557 | -0.0033 | 4.9411 | -0.032 | 0.1092 | -0.004 | 0.0733 |
| 746 | 10.3 | 10.3 | 3.1879 | 1.7563 | -0.0033 | 4.9409 | -0.0479 | 0.1126 | -0.0041 | 0.0607 |
| 747 | 9.67 | 10.3 | 3.1872 | 1.7563 | -0.0032 | 4.9403 | -0.0461 | 0.0969 | -0.0052 | 0.0457 |
| 748 | 9.32 | 10.2 | 3.1867 | 1.7565 | -0.0032 | 4.94 | -0.041 | 0.0928 | -0.0002 | 0.0515 |
| 749 | 9.89 | 10.3 | 3.1861 | 1.7571 | -0.0034 | 4.9399 | -0.0379 | 0.0963 | 0.0023 | 0.0607 |
| 750 | 9.61 | 10.3 | 3.1858 | 1.7577 | -0.0036 | 4.9398 | -0.0286 | 0.1025 | 0.0026 | 0.0766 |
| 751 | 9.92 | 10.3 | 3.1859 | 1.7578 | -0.0039 | 4.9398 | -0.0219 | 0.1036 | 0.0009 | 0.0826 |
| 752 | 10.6 | 10.3 | 3.186 | 1.7578 | -0.0041 | 4.9398 | -0.0247 | 0.1149 | -0.0007 | 0.0896 |
| 753 | 10.7 | 10.2 | 3.1855 | 1.7578 | -0.0038 | 4.9395 | -0.0248 | 0.129 | -0.0017 | 0.1026 |
| 754 | 10.4 | 10.2 | 3.1853 | 1.7575 | -0.0037 | 4.9391 | -0.0158 | 0.1313 | -0.0012 | 0.1143 |
| 755 | 10.4 | 10.2 | 3.1846 | 1.7572 | -0.0037 | 4.9381 | -0.024 | 0.1438 | -0.001 | 0.1188 |
| 756 | 10.2 | 10.2 | 3.1837 | 1.7576 | -0.004 | 4.9373 | -0.026 | 0.144 | -0.004 | 0.1139 |
| 757 | 10.3 | 10.3 | 3.1836 | 1.7575 | -0.0042 | 4.9369 | -0.0305 | 0.1484 | -0.0052 | 0.1127 |
| 758 | 10.9 | 10.3 | 3.1844 | 1.7572 | -0.0043 | 4.9373 | -0.0272 | 0.1406 | -0.0072 | 0.1063 |
| 759 | 10.9 | 10.3 | 3.1851 | 1.7567 | -0.0045 | 4.9374 | -0.0345 | 0.1379 | -0.0072 | 0.0961 |
| 760 | 10.4 | 10.3 | 3.1854 | 1.7561 | -0.0046 | 4.9369 | -0.0276 | 0.1368 | -0.0036 | 0.1056 |
| 761 | 10.2 | 10.4 | 3.1852 | 1.7564 | -0.0043 | 4.9373 | -0.0214 | 0.1303 | -0.0001 | 0.1087 |
| 762 | 9.52 | 10.4 | 3.1851 | 1.7564 | -0.0043 | 4.9372 | -0.0112 | 0.1223 | 0.0021 | 0.1133 |
| 763 | 10.3 | 10.4 | 3.1848 | 1.7564 | -0.0043 | 4.9369 | -0.0061 | 0.118 | 0.0036 | 0.1156 |
| 764 | 10.4 | 10.4 | 3.185 | 1.7564 | -0.0042 | 4.9371 | 0.0001 | 0.1089 | 0.0025 | 0.1116 |
| 765 | 10.3 | 10.4 | 3.1853 | 1.7563 | -0.0041 | 4.9375 | 0.0085 | 0.1013 | 0.0028 | 0.1126 |
| 766 | 10.6 | 10.4 | 3.185 | 1.7566 | -0.004 | 4.9376 | 0.0183 | 0.092 | 0.0093 | 0.1196 |
| 767 | 10.5 | 10.4 | 3.1848 | 1.7569 | -0.004 | 4.9377 | 0.0361 | 0.0661 | 0.0119 | 0.1141 |
| 768 | 9.92 | 10.4 | 3.1844 | 1.7572 | -0.004 | 4.9376 | 0.035 | 0.0815 | 0.0131 | 0.1297 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 769 | 10.1 | 10.3 | 3.1846 | 1.7566 | -0.004 | 4.9372 | 0.028 | 0.0919 | 0.0129 | 0.1328 |
| 770 | 10 | 10.3 | 3.1843 | 1.7564 | -0.0039 | 4.9368 | 0.021 | 0.101 | 0.0128 | 0.1347 |
| 771 | 10.9 | 10.3 | 3.1836 | 1.7566 | -0.0038 | 4.9364 | 0.0185 | 0.1028 | 0.0078 | 0.1292 |
| 772 | 10.4 | 10.4 | 3.1829 | 1.7568 | -0.0039 | 4.9359 | 0.0097 | 0.1059 | 0.0036 | 0.1192 |
| 773 | 10.6 | 10.4 | 3.1825 | 1.757 | -0.004 | 4.9355 | 0.0193 | 0.0942 | 0.0024 | 0.1158 |
| 774 | 10.5 | 10.4 | 3.1825 | 1.757 | -0.004 | 4.9355 | 0.0202 | 0.0897 | 0.0056 | 0.1155 |
| 775 | 10.2 | 10.4 | 3.1824 | 1.7569 | -0.004 | 4.9354 | 0.0152 | 0.0924 | 0.0062 | 0.1139 |
| 776 | 10.3 | 10.3 | 3.1819 | 1.7573 | -0.0042 | 4.9351 | -0.0007 | 0.1 | 0.0045 | 0.1038 |
| 777 | 10.6 | 10.3 | 3.1819 | 1.757 | -0.0044 | 4.9345 | 0.0042 | 0.0928 | 0.0013 | 0.0983 |
| 778 | 10.5 | 10.3 | 3.1819 | 1.7561 | -0.0046 | 4.9335 | 0.0051 | 0.0957 | -0.0045 | 0.0963 |
| 779 | 10.3 | 10.3 | 3.1822 | 1.7553 | -0.0047 | 4.9327 | 0.0114 | 0.0853 | -0.0087 | 0.088 |
| 780 | 10.1 | 10.3 | 3.1832 | 1.7543 | -0.0047 | 4.9328 | 0.013 | 0.076 | -0.0085 | 0.0805 |
| 781 | 10.2 | 10.2 | 3.1842 | 1.7535 | -0.0047 | 4.9331 | 0.0229 | 0.0734 | -0.0053 | 0.091 |
| 782 | 10.6 | 10.2 | 3.1858 | 1.7522 | -0.0046 | 4.9334 | 0.0282 | 0.073 | -0.0057 | 0.0955 |
| 783 | 10.3 | 10.2 | 3.1856 | 1.7521 | -0.0044 | 4.9333 | 0.0266 | 0.0714 | -0.0062 | 0.0917 |
| 784 | 10.3 | 10.2 | 3.1854 | 1.7522 | -0.0043 | 4.9333 | 0.0216 | 0.0653 | -0.009 | 0.0779 |
| 785 | 9.8 | 10.2 | 3.1853 | 1.7526 | -0.0042 | 4.9338 | 0.0249 | 0.0566 | -0.0106 | 0.0709 |
| 786 | 9.77 | 10.2 | 3.1853 | 1.7526 | -0.0042 | 4.9337 | 0.0297 | 0.041 | -0.0103 | 0.0604 |
| 787 | 9.97 | 10.2 | 3.1849 | 1.7525 | -0.004 | 4.9334 | 0.0541 | 0.0174 | -0.0077 | 0.0637 |
| 788 | 10.3 | 10.2 | 3.1851 | 1.7521 | -0.0037 | 4.9335 | 0.068 | 0.0033 | -0.0053 | 0.0659 |
| 789 | 9.72 | 10.2 | 3.1856 | 1.7514 | -0.0038 | 4.9332 | 0.0653 | -0.0057 | 0.0006 | 0.0602 |
| 790 | 9.71 | 10.2 | 3.1862 | 1.7505 | -0.0039 | 4.9328 | 0.055 | 0.0001 | 0.0061 | 0.0613 |
| 791 | 9.95 | 10.3 | 3.1861 | 1.7503 | -0.0041 | 4.9324 | 0.0541 | 0.0045 | 0.0115 | 0.0701 |
| 792 | 10.7 | 10.2 | 3.1871 | 1.7492 | -0.004 | 4.9323 | 0.0499 | 0.0219 | 0.0082 | 0.0801 |
| 793 | 10.5 | 10.2 | 3.1866 | 1.7501 | -0.0038 | 4.9328 | 0.0676 | 0.0126 | 0.0084 | 0.0886 |
| 794 | 10.6 | 10.2 | 3.1867 | 1.7503 | -0.0039 | 4.9331 | 0.0734 | 0.0138 | 0.0047 | 0.0919 |
| 795 | 10.2 | 10.3 | 3.1878 | 1.75 | -0.004 | 4.9337 | 0.0768 | 0.0215 | 0.0005 | 0.0989 |
| 796 | 9.96 | 10.3 | 3.1874 | 1.7515 | -0.0041 | 4.9347 | 0.09 | 0.025 | -0.0023 | 0.1127 |
| 797 | 10.2 | 10.3 | 3.1866 | 1.7524 | -0.0044 | 4.9346 | 0.0921 | 0.026 | -0.0027 | 0.1154 |
| 798 | 10.6 | 10.3 | 3.1856 | 1.752 | -0.0045 | 4.9331 | 0.087 | 0.0296 | 0.0018 | 0.1184 |
| 799 | 10.7 | 10.4 | 3.1849 | 1.7516 | -0.0045 | 4.9319 | 0.0886 | 0.0318 | 0.0047 | 0.1251 |
| 800 | 10.8 | 10.4 | 3.1839 | 1.7519 | -0.0045 | 4.9313 | 0.0909 | 0.0404 | 0.0069 | 0.1383 |
| 801 | 10.3 | 10.4 | 3.1844 | 1.7508 | -0.0043 | 4.9309 | 0.0779 | 0.0462 | 0.0079 | 0.132 |
| 802 | 10.1 | 10.4 | 3.185 | 1.7491 | -0.0043 | 4.9299 | 0.0743 | 0.0534 | 0.0042 | 0.1319 |
| 803 | 10.6 | 10.3 | 3.1843 | 1.7486 | -0.0045 | 4.9284 | 0.0696 | 0.0642 | 0.0059 | 0.1397 |
| 804 | 10.8 | 10.3 | 3.1847 | 1.7476 | -0.0044 | 4.9279 | 0.0646 | 0.0727 | 0.0122 | 0.1495 |
| 805 | 9.75 | 10.4 | 3.1849 | 1.7475 | -0.0041 | 4.9284 | 0.0605 | 0.0769 | 0.0173 | 0.1547 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 806 | 10.4 | 10.4 | 3.1851 | 1.7475 | -0.0038 | 4.9287 | 0.0495 | 0.0799 | 0.0171 | 0.1466 |
| 807 | 10.7 | 10.5 | 3.1847 | 1.7477 | -0.0036 | 4.9288 | 0.0252 | 0.0986 | 0.0132 | 0.1371 |
| 808 | 10.1 | 10.5 | 3.1849 | 1.7481 | -0.0036 | 4.9294 | 0.0187 | 0.1069 | 0.0097 | 0.1353 |
| 809 | 10.3 | 10.5 | 3.1842 | 1.7485 | -0.0036 | 4.9291 | 0.0249 | 0.105 | 0.006 | 0.1359 |
| 810 | 10.3 | 10.4 | 3.1836 | 1.7493 | -0.0035 | 4.9294 | 0.0294 | 0.1101 | -0.0018 | 0.1377 |
| 811 | 10.2 | 10.4 | 3.1824 | 1.7506 | -0.0037 | 4.9294 | 0.0328 | 0.1064 | -0.0049 | 0.1343 |
| 812 | 9.76 | 10.4 | 3.182 | 1.7513 | -0.0038 | 4.9295 | 0.0274 | 0.1036 | -0.007 | 0.124 |
| 813 | 10.1 | 10.4 | 3.1816 | 1.7524 | -0.0038 | 4.9302 | 0.0151 | 0.0978 | -0.0074 | 0.1055 |
| 814 | 10.9 | 10.4 | 3.1809 | 1.7531 | -0.0038 | 4.9302 | 0.0091 | 0.1032 | -0.01 | 0.1023 |
| 815 | 11.4 | 10.4 | 3.1806 | 1.7538 | -0.0041 | 4.9303 | 0.0121 | 0.1035 | -0.0095 | 0.1061 |
| 816 | 10.8 | 10.5 | 3.1794 | 1.7551 | -0.0042 | 4.9304 | 0.0083 | 0.103 | -0.0072 | 0.1041 |
| 817 | 10.8 | 10.5 | 3.1797 | 1.7542 | -0.0042 | 4.9297 | 0.0055 | 0.1045 | -0.0061 | 0.104 |
| 818 | 10.5 | 10.5 | 3.1795 | 1.7537 | -0.0041 | 4.9291 | 0.003 | 0.1108 | -0.0077 | 0.1061 |
| 819 | 10.5 | 10.5 | 3.1798 | 1.7529 | -0.0043 | 4.9285 | 0.0049 | 0.1092 | -0.0097 | 0.1044 |
| 820 | 10.2 | 10.5 | 3.1793 | 1.7529 | -0.0041 | 4.9282 | 0.0122 | 0.0918 | -0.0085 | 0.0956 |
| 821 | 10.2 | 10.5 | 3.1809 | 1.7522 | -0.0041 | 4.929 | 0.0143 | 0.0835 | -0.0046 | 0.0932 |
| 822 | 10.2 | 10.5 | 3.1814 | 1.7525 | -0.0042 | 4.9297 | 0.0154 | 0.079 | -0.0022 | 0.0923 |
| 823 | 10.4 | 10.5 | 3.1816 | 1.7521 | -0.0045 | 4.9292 | 0.0118 | 0.0774 | -0.0007 | 0.0885 |
| 824 | 10.6 | 10.5 | 3.1818 | 1.7518 | -0.0046 | 4.929 | 0.0003 | 0.0903 | 0.0039 | 0.0945 |
| 825 | 10.6 | 10.5 | 3.1824 | 1.7516 | -0.0045 | 4.9295 | -0.0077 | 0.1033 | 0.0036 | 0.0992 |
| 826 | 10.8 | 10.4 | 3.1826 | 1.7515 | -0.0044 | 4.9297 | 0.0021 | 0.0955 | 0.0052 | 0.1028 |
| 827 | 10.5 | 10.4 | 3.1827 | 1.7514 | -0.004 | 4.93 | 0.0049 | 0.0929 | 0.0023 | 0.1002 |
| 828 | 9.91 | 10.4 | 3.182 | 1.752 | -0.0035 | 4.9305 | 0.0083 | 0.0902 | 0.0017 | 0.1001 |
| 829 | 10.4 | 10.4 | 3.1816 | 1.7531 | -0.0033 | 4.9313 | 0.0096 | 0.0861 | 0.002 | 0.0978 |
| 830 | 10.6 | 10.4 | 3.181 | 1.7534 | -0.0035 | 4.9308 | 0.0123 | 0.0752 | 0.0027 | 0.0902 |
| 831 | 10.3 | 10.4 | 3.1806 | 1.7535 | -0.0035 | 4.9306 | 0.0249 | 0.0623 | 0.0037 | 0.0909 |
| 832 | 10.2 | 10.4 | 3.1803 | 1.7534 | -0.0036 | 4.9302 | 0.032 | 0.0618 | 0.0031 | 0.097 |
| 833 | 10.9 | 10.5 | 3.1807 | 1.7531 | -0.0035 | 4.9303 | 0.053 | 0.0466 | 0.002 | 0.1016 |
| 834 | 10.3 | 10.5 | 3.1809 | 1.7532 | -0.0035 | 4.9306 | 0.0532 | 0.0466 | 0.0071 | 0.1069 |
| 835 | 10 | 10.5 | 3.181 | 1.7536 | -0.0035 | 4.9311 | 0.0503 | 0.0436 | 0.0102 | 0.1041 |
| 836 | 10.3 | 10.5 | 3.1807 | 1.7539 | -0.0035 | 4.931 | 0.0342 | 0.0617 | 0.0125 | 0.1083 |
| 837 | 10 | 10.6 | 3.1807 | 1.7534 | -0.0034 | 4.9306 | 0.0359 | 0.0689 | 0.0143 | 0.119 |
| 838 | 10.5 | 10.6 | 3.181 | 1.7529 | -0.0037 | 4.9302 | 0.0179 | 0.0966 | 0.0148 | 0.1293 |
| 839 | 11 | 10.7 | 3.182 | 1.7526 | -0.0039 | 4.9307 | 0.0203 | 0.0973 | 0.015 | 0.1326 |
| 840 | 10.5 | 10.7 | 3.1821 | 1.753 | -0.004 | 4.9312 | 0.0313 | 0.0944 | 0.0133 | 0.139 |
| 841 | 10.4 | 10.8 | 3.1831 | 1.7521 | -0.004 | 4.9312 | 0.0552 | 0.0781 | 0.0079 | 0.1412 |
| 842 | 11 | 10.9 | 3.1827 | 1.7523 | -0.0039 | 4.931 | 0.056 | 0.0753 | 0.0046 | 0.1359 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 843 | 11.2 | 10.9 | 3.1818 | 1.7526 | -0.0036 | 4.9309 | 0.0672 | 0.0541 | 0.0057 | 0.127 |
| 844 | 11.1 | 11 | 3.1809 | 1.753 | -0.0034 | 4.9305 | 0.0559 | 0.0572 | 0.0059 | 0.119 |
| 845 | 10.9 | 11 | 3.1797 | 1.7532 | -0.0031 | 4.9298 | 0.0503 | 0.0593 | 0.0041 | 0.1137 |
| 846 | 11.3 | 11 | 3.1787 | 1.7537 | -0.003 | 4.9293 | 0.0505 | 0.0611 | 0.0039 | 0.1155 |
| 847 | 11.2 | 11.1 | 3.1785 | 1.7534 | -0.0034 | 4.9285 | 0.0497 | 0.0778 | 0.0022 | 0.1297 |
| 848 | 10.8 | 11.1 | 3.1778 | 1.7533 | -0.0037 | 4.9275 | 0.0358 | 0.0963 | -0.0022 | 0.13 |
| 849 | 12.2 | 11.1 | 3.177 | 1.7531 | -0.0041 | 4.926 | 0.0243 | 0.0906 | -0.0046 | 0.1103 |
| 850 | 11.4 | 11.1 | 3.178 | 1.753 | -0.0044 | 4.9267 | 0.0022 | 0.1031 | -0.0044 | 0.1009 |
| 851 | 11.3 | 11.1 | 3.1785 | 1.7524 | -0.0043 | 4.9266 | -0.0211 | 0.1158 | -0.0039 | 0.0908 |
| 852 | 11.6 | 11.1 | 3.1791 | 1.7514 | -0.0046 | 4.9258 | -0.0308 | 0.1171 | -0.0024 | 0.0839 |
| 853 | 11.4 | 11 | 3.1791 | 1.7505 | -0.005 | 4.9246 | -0.0515 | 0.1058 | -0.0043 | 0.05 |
| 854 | 10.7 | 11 | 3.1792 | 1.7498 | -0.0054 | 4.9236 | -0.059 | 0.1159 | -0.0066 | 0.0503 |
| 855 | 10.9 | 10.9 | 3.1797 | 1.7492 | -0.0054 | 4.9234 | -0.0371 | 0.1068 | -0.007 | 0.0627 |
| 856 | 10.8 | 10.9 | 3.1812 | 1.7478 | -0.0053 | 4.9236 | -0.0312 | 0.1105 | -0.006 | 0.0734 |
| 857 | 11.3 | 10.8 | 3.1817 | 1.7468 | -0.0051 | 4.9234 | -0.0275 | 0.1138 | -0.0038 | 0.0825 |
| 858 | 11.1 | 10.7 | 3.1819 | 1.7467 | -0.0049 | 4.9237 | -0.0043 | 0.0921 | -0.0018 | 0.0861 |
| 859 | 10.9 | 10.6 | 3.1822 | 1.7457 | -0.0043 | 4.9236 | -0.0071 | 0.0992 | -0.001 | 0.0911 |
| 860 | 10.6 | 10.5 | 3.1821 | 1.7455 | -0.0041 | 4.9235 | -0.0176 | 0.1112 | -0.0011 | 0.0925 |
| 861 | 10 | 10.4 | 3.1825 | 1.746 | -0.0036 | 4.9249 | -0.0255 | 0.1241 | -0.0009 | 0.0976 |
| 862 | 10.1 | 10.4 | 3.1836 | 1.7467 | -0.0036 | 4.9267 | -0.0365 | 0.1357 | -0.0033 | 0.0958 |
| 863 | 9.95 | 10.3 | 3.1839 | 1.7461 | -0.0033 | 4.9266 | -0.0353 | 0.1406 | -0.0064 | 0.0989 |
| 864 | 10 | 10.3 | 3.1838 | 1.746 | -0.0033 | 4.9265 | -0.0239 | 0.14 | -0.0078 | 0.1082 |
| 865 | 10.1 | 10.3 | 3.1844 | 1.746 | -0.0034 | 4.9271 | -0.024 | 0.1342 | -0.0071 | 0.1031 |
| 866 | 9.86 | 10.3 | 3.1845 | 1.7462 | -0.0034 | 4.9272 | -0.0171 | 0.1275 | -0.0106 | 0.0998 |
| 867 | 9.85 | 10.3 | 3.1845 | 1.7458 | -0.0032 | 4.9271 | -0.0324 | 0.1393 | -0.0139 | 0.0929 |
| 868 | 9.72 | 10.3 | 3.1839 | 1.7463 | -0.003 | 4.9272 | -0.0062 | 0.1074 | -0.0138 | 0.0873 |
| 869 | 9.83 | 10.3 | 3.1834 | 1.7474 | -0.0032 | 4.9276 | 0.0116 | 0.0913 | -0.0119 | 0.091 |
| 870 | 9.9 | 10.4 | 3.1829 | 1.7481 | -0.0035 | 4.9275 | 0.0156 | 0.0787 | -0.0123 | 0.0819 |
| 871 | 10 | 10.4 | 3.182 | 1.7487 | -0.0036 | 4.9272 | 0.0184 | 0.0801 | -0.0096 | 0.0889 |
| 872 | 10.3 | 10.5 | 3.1817 | 1.7491 | -0.0038 | 4.927 | 0.0454 | 0.0687 | -0.0074 | 0.1067 |
| 873 | 10.6 | 10.5 | 3.1825 | 1.7479 | -0.0044 | 4.926 | 0.048 | 0.074 | -0.0044 | 0.1176 |
| 874 | 10.6 | 10.5 | 3.1833 | 1.7467 | -0.0043 | 4.9256 | 0.0464 | 0.0741 | -0.002 | 0.1184 |
| 875 | 11.3 | 10.6 | 3.1822 | 1.7474 | -0.0045 | 4.9251 | 0.0423 | 0.0789 | 0.0004 | 0.1217 |
| 876 | 11.3 | 10.6 | 3.1814 | 1.7481 | -0.0044 | 4.9251 | 0.0332 | 0.0958 | 0.0035 | 0.1325 |
| 877 | 11.1 | 10.6 | 3.181 | 1.748 | -0.0046 | 4.9245 | 0.0235 | 0.1065 | 0.0067 | 0.1368 |
| 878 | 10.9 | 10.7 | 3.181 | 1.7475 | -0.0048 | 4.9237 | 0.0299 | 0.1082 | 0.0135 | 0.1516 |
| 879 | 11.3 | 10.7 | 3.1809 | 1.7478 | -0.005 | 4.9237 | 0.024 | 0.1133 | 0.0177 | 0.155 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 880 | 11.4 | 10.7 | 3.1807 | 1.7481 | -0.0051 | 4.9237 | 0.0196 | 0.128 | 0.0177 | 0.1653 |
| 881 | 10.7 | 10.7 | 3.181 | 1.7474 | -0.005 | 4.9234 | 0.0178 | 0.1343 | 0.0141 | 0.1662 |
| 882 | 10.5 | 10.7 | 3.1805 | 1.7475 | -0.0048 | 4.9233 | 0.0155 | 0.1329 | 0.0101 | 0.1586 |
| 883 | 10.5 | 10.7 | 3.1803 | 1.7474 | -0.0051 | 4.9226 | 0.0144 | 0.1233 | 0.0064 | 0.1441 |
| 884 | 10.7 | 10.7 | 3.1804 | 1.7478 | -0.0053 | 4.9229 | 0.0167 | 0.1127 | 0.007 | 0.1365 |
| 885 | 10.6 | 10.6 | 3.1819 | 1.7465 | -0.0054 | 4.9229 | 0.0109 | 0.1166 | 0.0081 | 0.1356 |
| 886 | 10.5 | 10.6 | 3.1817 | 1.7457 | -0.0056 | 4.9218 | 0.0177 | 0.1156 | 0.0095 | 0.1429 |
| 887 | 10.3 | 10.6 | 3.1831 | 1.7428 | -0.0054 | 4.9205 | 0.0157 | 0.1196 | 0.0091 | 0.1445 |
| 888 | 10 | 10.6 | 3.1831 | 1.7424 | -0.0052 | 4.9202 | 0.0303 | 0.1006 | 0.0107 | 0.1416 |
| 889 | 10.2 | 10.5 | 3.1824 | 1.742 | -0.0051 | 4.9193 | 0.0178 | 0.1133 | 0.0093 | 0.1404 |
| 890 | 10.5 | 10.4 | 3.1806 | 1.7426 | -0.0047 | 4.9186 | 0.0349 | 0.1073 | 0.0087 | 0.1508 |
| 891 | 10.4 | 10.4 | 3.1805 | 1.7428 | -0.0046 | 4.9188 | 0.0178 | 0.1219 | 0.0052 | 0.1449 |
| 892 | 9.98 | 10.4 | 3.1804 | 1.7438 | -0.0046 | 4.9195 | 0.0299 | 0.1112 | 0.0066 | 0.1477 |
| 893 | 10.4 | 10.3 | 3.181 | 1.7443 | -0.0044 | 4.9209 | 0.0257 | 0.1218 | 0.0089 | 0.1563 |
| 894 | 10.9 | 10.3 | 3.1817 | 1.7444 | -0.0043 | 4.9218 | 0.0127 | 0.132 | 0.0122 | 0.1569 |
| 895 | 10.3 | 10.3 | 3.1827 | 1.7439 | -0.0044 | 4.9222 | -0.0061 | 0.1411 | 0.0145 | 0.1494 |
| 896 | 11 | 10.3 | 3.1824 | 1.7437 | -0.0044 | 4.9217 | -0.0242 | 0.1458 | 0.0141 | 0.1356 |
| 897 | 10.5 | 10.3 | 3.183 | 1.7427 | -0.0041 | 4.9216 | -0.0308 | 0.1423 | 0.0127 | 0.1241 |
| 898 | 10 | 10.3 | 3.1832 | 1.7429 | -0.004 | 4.9221 | -0.0365 | 0.142 | 0.0065 | 0.1119 |
| 899 | 10.1 | 10.3 | 3.1847 | 1.7412 | -0.0041 | 4.9218 | -0.0476 | 0.1438 | -0.0013 | 0.0949 |
| 900 | 9.89 | 10.3 | 3.186 | 1.7403 | -0.0041 | 4.9223 | -0.0495 | 0.1321 | -0.0098 | 0.0728 |
| 901 | 10.2 | 10.3 | 3.1875 | 1.7391 | -0.004 | 4.9225 | -0.0308 | 0.1217 | -0.0138 | 0.0771 |
| 902 | 10.1 | 10.4 | 3.1901 | 1.7386 | -0.0038 | 4.9249 | -0.0257 | 0.1142 | -0.011 | 0.0774 |
| 903 | 10.1 | 10.4 | 3.1902 | 1.737 | -0.0038 | 4.9234 | -0.0196 | 0.1039 | -0.0122 | 0.0722 |
| 904 | 10.1 | 10.4 | 3.1884 | 1.7369 | -0.0037 | 4.9216 | -0.0265 | 0.1057 | -0.016 | 0.0633 |
| 905 | 10.8 | 10.4 | 3.188 | 1.7365 | -0.0035 | 4.921 | -0.015 | 0.0926 | -0.0233 | 0.0543 |
| 906 | 10.2 | 10.4 | 3.1878 | 1.7361 | -0.0034 | 4.9205 | 0.0116 | 0.0637 | -0.025 | 0.0503 |
| 907 | 10.3 | 10.4 | 3.1851 | 1.7385 | -0.0034 | 4.9202 | 0.0228 | 0.0521 | -0.0232 | 0.0517 |
| 908 | 10.4 | 10.5 | 3.1856 | 1.7381 | -0.0035 | 4.9203 | 0.0285 | 0.0504 | -0.0199 | 0.0591 |
| 909 | 10.7 | 10.5 | 3.186 | 1.7374 | -0.0035 | 4.9199 | 0.0276 | 0.0569 | -0.0159 | 0.0686 |
| 910 | 10.5 | 10.6 | 3.1862 | 1.7369 | -0.0035 | 4.9196 | 0.0386 | 0.0343 | -0.009 | 0.0639 |
| 911 | 10.2 | 10.6 | 3.1861 | 1.7371 | -0.0034 | 4.9198 | 0.0282 | 0.0477 | -0.009 | 0.067 |
| 912 | 11 | 10.6 | 3.1855 | 1.7373 | -0.0032 | 4.9196 | 0.0455 | 0.041 | -0.0011 | 0.0854 |
| 913 | 11.1 | 10.6 | 3.184 | 1.7384 | -0.003 | 4.9194 | 0.0716 | 0.0406 | -0.0021 | 0.1101 |
| 914 | 10.4 | 10.6 | 3.1833 | 1.7397 | -0.0031 | 4.9199 | 0.0784 | 0.0344 | 0.004 | 0.1168 |
| 915 | 11.1 | 10.6 | 3.1823 | 1.741 | -0.003 | 4.9203 | 0.068 | 0.0492 | 0.0073 | 0.1245 |
| 916 | 10.8 | 10.7 | 3.1826 | 1.7412 | -0.0028 | 4.9211 | 0.0522 | 0.0782 | 0.0076 | 0.138 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 917 | 11.2 | 10.7 | 3.1803 | 1.7434 | -0.0028 | 4.9209 | 0.0365 | 0.0945 | 0.008 | 0.139 |
| 918 | 10.7 | 10.7 | 3.1784 | 1.7446 | -0.0029 | 4.92 | 0.035 | 0.0894 | 0.0102 | 0.1346 |
| 919 | 10.5 | 10.7 | 3.1783 | 1.745 | -0.003 | 4.9203 | 0.0194 | 0.0999 | 0.013 | 0.1323 |
| 920 | 10.7 | 10.7 | 3.1775 | 1.7449 | -0.0031 | 4.9193 | 0.0178 | 0.1063 | 0.0117 | 0.1358 |
| 921 | 10.5 | 10.7 | 3.1763 | 1.7453 | -0.0034 | 4.9183 | 0.0068 | 0.1209 | 0.0049 | 0.1327 |
| 922 | 10.5 | 10.7 | 3.1766 | 1.7451 | -0.0037 | 4.9179 | -0.0085 | 0.1345 | 0.0021 | 0.1282 |
| 923 | 10.3 | 10.7 | 3.177 | 1.7447 | -0.0043 | 4.9174 | -0.0057 | 0.1343 | 0.0008 | 0.1294 |
| 924 | 11.2 | 10.8 | 3.1776 | 1.7439 | -0.0046 | 4.9168 | -0.0021 | 0.1214 | -0.0029 | 0.1165 |
| 925 | 11 | 10.8 | 3.1791 | 1.742 | -0.0049 | 4.9162 | -0.0122 | 0.1205 | -0.003 | 0.1054 |
| 926 | 11.3 | 10.8 | 3.1803 | 1.7409 | -0.0051 | 4.9161 | -0.016 | 0.1196 | -0.006 | 0.0977 |
| 927 | 9.93 | 10.8 | 3.1797 | 1.7406 | -0.0054 | 4.9149 | -0.0272 | 0.1351 | -0.0064 | 0.1015 |
| 928 | 10.4 | 10.7 | 3.1796 | 1.7407 | -0.0053 | 4.915 | -0.0302 | 0.139 | -0.0086 | 0.1003 |
| 929 | 10.3 | 10.7 | 3.1796 | 1.7403 | -0.0051 | 4.9148 | -0.0216 | 0.1318 | -0.01 | 0.1001 |
| 930 | 11 | 10.7 | 3.1792 | 1.74 | -0.0049 | 4.9142 | -0.0163 | 0.1387 | -0.0113 | 0.111 |
| 931 | 11.2 | 10.7 | 3.179 | 1.7402 | -0.0045 | 4.9147 | -0.0135 | 0.1397 | -0.0112 | 0.115 |
| 932 | 11.1 | 10.7 | 3.1789 | 1.741 | -0.0042 | 4.9157 | -0.0416 | 0.1616 | -0.0101 | 0.1099 |
| 933 | 11.3 | 10.7 | 3.179 | 1.7418 | -0.0042 | 4.9167 | -0.0499 | 0.1679 | -0.0072 | 0.1109 |
| 934 | 11 | 10.7 | 3.1798 | 1.7415 | -0.0043 | 4.917 | -0.0196 | 0.1352 | -0.0091 | 0.1065 |
| 935 | 10.3 | 10.7 | 3.1793 | 1.742 | -0.0045 | 4.9168 | -0.0364 | 0.1677 | -0.0121 | 0.1192 |
| 936 | 11.2 | 10.6 | 3.1791 | 1.7419 | -0.0044 | 4.9166 | -0.0221 | 0.1383 | -0.0132 | 0.103 |
| 937 | 10.4 | 10.7 | 3.1776 | 1.7433 | -0.0045 | 4.9165 | -0.0187 | 0.1237 | -0.0143 | 0.0907 |
| 938 | 10 | 10.7 | 3.1792 | 1.7416 | -0.0046 | 4.9161 | 0.012 | 0.0861 | -0.0149 | 0.0833 |
| 939 | 10.1 | 10.7 | 3.1785 | 1.7418 | -0.0048 | 4.9156 | -0.001 | 0.0974 | -0.0174 | 0.079 |
| 940 | 10.8 | 10.7 | 3.1803 | 1.7408 | -0.0045 | 4.9167 | -0.0038 | 0.089 | -0.0177 | 0.0675 |
| 941 | 10.6 | 10.7 | 3.1801 | 1.741 | -0.0047 | 4.9164 | 0.0056 | 0.0741 | -0.0126 | 0.0671 |
| 942 | 10.8 | 10.6 | 3.1801 | 1.7401 | -0.0048 | 4.9154 | 0.0469 | 0.0481 | -0.0103 | 0.0847 |
| 943 | 10.8 | 10.6 | 3.1806 | 1.7394 | -0.0048 | 4.9152 | 0.0512 | 0.0506 | -0.0057 | 0.0961 |
| 944 | 10.4 | 10.6 | 3.1815 | 1.7389 | -0.0048 | 4.9156 | 0.0558 | 0.067 | -0.0003 | 0.1225 |
| 945 | 10.6 | 10.6 | 3.1821 | 1.7387 | -0.0045 | 4.9163 | 0.0759 | 0.0664 | 0.0051 | 0.1474 |
| 946 | 10.6 | 10.6 | 3.1818 | 1.7394 | -0.0043 | 4.9169 | 0.0965 | 0.0519 | 0.0093 | 0.1578 |
| 947 | 10.5 | 10.6 | 3.1822 | 1.7392 | -0.0041 | 4.9173 | 0.095 | 0.0585 | 0.0129 | 0.1663 |
| 948 | 10.9 | 10.7 | 3.1826 | 1.739 | -0.0035 | 4.918 | 0.0633 | 0.1014 | 0.0163 | 0.1811 |
| 949 | 10.1 | 10.7 | 3.182 | 1.7399 | -0.0031 | 4.9188 | 0.0533 | 0.1304 | 0.0174 | 0.201 |
| 950 | 11.1 | 10.7 | 3.1811 | 1.7409 | -0.003 | 4.9189 | 0.0608 | 0.1197 | 0.0162 | 0.1967 |
| 951 | 10.3 | 10.7 | 3.1811 | 1.741 | -0.0032 | 4.9188 | 0.0736 | 0.1121 | 0.0118 | 0.1975 |
| 952 | 11.1 | 10.7 | 3.181 | 1.741 | -0.0034 | 4.9186 | 0.0864 | 0.0873 | 0.0075 | 0.1812 |
| 953 | 10.7 | 10.7 | 3.1817 | 1.7399 | -0.0034 | 4.9183 | 0.1284 | 0.0641 | 0.0083 | 0.2007 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 954 | 10.6 | 10.7 | 3.1807 | 1.7406 | -0.0031 | 4.9182 | 0.1241 | 0.0454 | 0.0074 | 0.1769 |
| 955 | 10.9 | 10.7 | 3.1785 | 1.7428 | -0.0029 | 4.9184 | 0.0991 | 0.0458 | 0.0116 | 0.1565 |
| 956 | 11.1 | 10.7 | 3.1789 | 1.7425 | -0.003 | 4.9185 | 0.0952 | 0.0434 | 0.0101 | 0.1487 |
| 957 | 11 | 10.6 | 3.1789 | 1.7418 | -0.0031 | 4.9175 | 0.0912 | 0.0468 | 0.012 | 0.1499 |
| 958 | 10.1 | 10.6 | 3.1791 | 1.741 | -0.0033 | 4.9168 | 0.0465 | 0.0748 | 0.0118 | 0.1331 |
| 959 | 10.7 | 10.7 | 3.1783 | 1.7423 | -0.0034 | 4.9172 | 0.008 | 0.0818 | 0.011 | 0.1008 |
| 960 | 10.7 | 10.7 | 3.1793 | 1.7407 | -0.0032 | 4.9168 | 0.0104 | 0.1033 | 0.0114 | 0.1251 |
| 961 | 11 | 10.7 | 3.1779 | 1.7419 | -0.0035 | 4.9163 | 0.0254 | 0.088 | 0.0106 | 0.124 |
| 962 | 10.5 | 10.7 | 3.1764 | 1.7426 | -0.0033 | 4.9157 | -0.0002 | 0.1114 | 0.0097 | 0.1209 |
| 963 | 10.2 | 10.8 | 3.176 | 1.7426 | -0.0037 | 4.915 | -0.0182 | 0.1185 | 0.0102 | 0.1105 |
| 964 | 10.4 | 10.8 | 3.177 | 1.7411 | -0.004 | 4.914 | -0.029 | 0.1243 | 0.0094 | 0.1047 |
| 965 | 10.3 | 10.8 | 3.1792 | 1.7382 | -0.0041 | 4.9133 | -0.0349 | 0.1353 | 0.0065 | 0.1069 |
| 966 | 10.3 | 10.7 | 3.1808 | 1.7367 | -0.0042 | 4.9133 | -0.0395 | 0.1434 | 0.0044 | 0.1083 |
| 967 | 10.8 | 10.8 | 3.181 | 1.7369 | -0.0042 | 4.9136 | -0.0337 | 0.1419 | 0.0069 | 0.1151 |
| 968 | 10.9 | 10.9 | 3.182 | 1.7363 | -0.0043 | 4.914 | -0.0007 | 0.1033 | 0.0098 | 0.1124 |
| 969 | 11.2 | 10.9 | 3.1816 | 1.7368 | -0.0043 | 4.9141 | 0.0064 | 0.1025 | 0.0086 | 0.1175 |
| 970 | 11.3 | 10.9 | 3.1822 | 1.736 | -0.0039 | 4.9142 | -0.0358 | 0.1371 | 0.0064 | 0.1078 |
| 971 | 11.3 | 10.9 | 3.1829 | 1.7353 | -0.0038 | 4.9143 | -0.0594 | 0.1594 | 0.0039 | 0.104 |
| 972 | 11.1 | 10.9 | 3.1823 | 1.7357 | -0.0039 | 4.9141 | -0.0741 | 0.1671 | 0.0004 | 0.0934 |
| 973 | 11.4 | 10.9 | 3.1827 | 1.7358 | -0.0041 | 4.9144 | -0.0765 | 0.166 | -0.0035 | 0.086 |
| 974 | 10.2 | 11 | 3.1845 | 1.7346 | -0.0041 | 4.9151 | -0.068 | 0.1587 | -0.0085 | 0.0822 |
| 975 | 10.7 | 11 | 3.1838 | 1.7354 | -0.0039 | 4.9153 | -0.0487 | 0.1398 | -0.0105 | 0.0806 |
| 976 | 11.6 | 11 | 3.1842 | 1.7345 | -0.0038 | 4.9149 | -0.0229 | 0.1119 | -0.011 | 0.078 |
| 977 | 11.6 | 11 | 3.184 | 1.7341 | -0.0037 | 4.9144 | -0.0178 | 0.1136 | -0.0121 | 0.0838 |
| 978 | 11.1 | 10.9 | 3.1831 | 1.7344 | -0.0038 | 4.9137 | -0.0185 | 0.1056 | -0.014 | 0.0731 |
| 979 | 10.8 | 10.9 | 3.1826 | 1.7339 | -0.0039 | 4.9126 | 0.0015 | 0.0862 | -0.0158 | 0.0719 |
| 980 | 10.7 | 10.9 | 3.1821 | 1.7341 | -0.004 | 4.9122 | 0.0157 | 0.0715 | -0.0154 | 0.0717 |
| 981 | 11.3 | 10.8 | 3.1852 | 1.7312 | -0.004 | 4.9124 | 0.0109 | 0.0688 | -0.0103 | 0.0695 |
| 982 | 10.6 | 10.8 | 3.1855 | 1.7307 | -0.0041 | 4.9122 | -0.0081 | 0.0897 | -0.004 | 0.0776 |
| 983 | 11 | 10.8 | 3.1822 | 1.7339 | -0.0042 | 4.9119 | -0.0034 | 0.0922 | -0.0012 | 0.0876 |
| 984 | 11 | 10.8 | 3.184 | 1.7311 | -0.0041 | 4.911 | 0.0045 | 0.0966 | 0.0014 | 0.1024 |
| 985 | 10.4 | 10.8 | 3.1841 | 1.7326 | -0.0041 | 4.9126 | 0.0105 | 0.0979 | 0.0013 | 0.1098 |
| 986 | 10 | 10.7 | 3.1836 | 1.7333 | -0.0042 | 4.9127 | 0.0098 | 0.0965 | -0.0012 | 0.105 |
| 987 | 10.1 | 10.7 | 3.1819 | 1.7342 | -0.0039 | 4.9121 | 0.0088 | 0.0969 | -0.0019 | 0.1038 |
| 988 | 10.8 | 10.6 | 3.1832 | 1.7326 | -0.0035 | 4.9123 | -0.0076 | 0.1186 | -0.0037 | 0.1073 |
| 989 | 10.8 | 10.6 | 3.1828 | 1.7331 | -0.0033 | 4.9126 | -0.0032 | 0.1094 | -0.0032 | 0.1031 |
| 990 | 10.2 | 10.6 | 3.1801 | 1.7352 | -0.0034 | 4.9119 | 0.0101 | 0.0948 | -0.0067 | 0.0982 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 991 | 10.7 | 10.6 | 3.1758 | 1.738 | -0.0036 | 4.9103 | 0.0303 | 0.0831 | -0.0043 | 0.1091 |
| 992 | 11.4 | 10.6 | 3.1752 | 1.7387 | -0.004 | 4.9099 | 0.0448 | 0.0753 | -0.0066 | 0.1135 |
| 993 | 10.3 | 10.6 | 3.1754 | 1.7376 | -0.0044 | 4.9087 | 0.0565 | 0.057 | -0.0077 | 0.1058 |
| 994 | 10.6 | 10.5 | 3.1741 | 1.7378 | -0.0048 | 4.907 | 0.0641 | 0.0598 | -0.0066 | 0.1173 |
| 995 | 10.4 | 10.5 | 3.1731 | 1.7387 | -0.0053 | 4.9064 | 0.0603 | 0.0769 | -0.0046 | 0.1326 |
| 996 | 10.2 | 10.6 | 3.1729 | 1.7378 | -0.0056 | 4.9051 | 0.0603 | 0.0864 | 0.0018 | 0.1484 |
| 997 | 10.6 | 10.6 | 3.1767 | 1.7326 | -0.0058 | 4.9035 | 0.072 | 0.0815 | 0.0076 | 0.161 |
| 998 | 10.7 | 10.5 | 3.1779 | 1.7299 | -0.0058 | 4.902 | 0.0741 | 0.0834 | 0.0137 | 0.1711 |
| 999 | 10.2 | 10.5 | 3.1786 | 1.7293 | -0.0057 | 4.9021 | 0.04 | 0.1159 | 0.0219 | 0.1778 |
| 1000 | 10.6 | 10.5 | 3.1787 | 1.7291 | -0.0053 | 4.9025 | 0.0542 | 0.1162 | 0.0288 | 0.1992 |
| 1001 | 11 | 10.5 | 3.1788 | 1.7304 | -0.0048 | 4.9044 | -0.0015 | 0.1921 | 0.0308 | 0.2213 |
| 1002 | 10.9 | 10.4 | 3.1773 | 1.7322 | -0.0047 | 4.9048 | -0.0032 | 0.1946 | 0.0255 | 0.2169 |
| 1003 | 10.4 | 10.4 | 3.1778 | 1.7325 | -0.0045 | 4.9057 | 0.0127 | 0.196 | 0.0206 | 0.2294 |
| 1004 | 10.4 | 10.4 | 3.1784 | 1.7324 | -0.0049 | 4.906 | 0.014 | 0.1878 | 0.0132 | 0.215 |
| 1005 | 10.6 | 10.3 | 3.1785 | 1.7322 | -0.0045 | 4.9061 | -0.0185 | 0.2044 | 0.0133 | 0.1992 |
| 1006 | 10.5 | 10.4 | 3.1787 | 1.7314 | -0.0046 | 4.9055 | -0.0665 | 0.244 | 0.0146 | 0.1921 |
| 1007 | 10.1 | 10.3 | 3.1805 | 1.731 | -0.0046 | 4.9069 | -0.0687 | 0.245 | 0.0143 | 0.1907 |
| 1008 | 9.68 | 10.3 | 3.1848 | 1.73 | -0.0046 | 4.9102 | -0.0797 | 0.2492 | 0.0142 | 0.1837 |
| 1009 | 10.4 | 10.3 | 3.1849 | 1.7271 | -0.0046 | 4.9074 | -0.0759 | 0.2448 | 0.0125 | 0.1815 |
| 1010 | 10.3 | 10.3 | 3.1837 | 1.7281 | -0.0045 | 4.9072 | -0.0416 | 0.225 | 0.0111 | 0.1945 |
| 1011 | 10.1 | 10.3 | 3.1861 | 1.7259 | -0.0043 | 4.9077 | -0.0086 | 0.1985 | 0.0154 | 0.2053 |
| 1012 | 9.8 | 10.3 | 3.1873 | 1.7254 | -0.0042 | 4.9086 | -0.0154 | 0.2068 | 0.0131 | 0.2045 |
| 1013 | 10.3 | 10.3 | 3.1869 | 1.726 | -0.004 | 4.9089 | 0.0115 | 0.1582 | 0.0145 | 0.1842 |
| 1014 | 10 | 10.3 | 3.1867 | 1.7262 | -0.0037 | 4.9092 | 0.0405 | 0.1393 | 0.0152 | 0.195 |
| 1015 | 10.4 | 10.2 | 3.1863 | 1.7267 | -0.0034 | 4.9095 | 0.0315 | 0.1392 | 0.0138 | 0.1846 |
| 1016 | 10.5 | 10.2 | 3.186 | 1.727 | -0.0035 | 4.9096 | 0.0724 | 0.0896 | 0.0133 | 0.1754 |
| 1017 | 10.5 | 10.2 | 3.1804 | 1.7331 | -0.0038 | 4.9097 | 0.0719 | 0.0874 | 0.0124 | 0.1717 |
| 1018 | 10.3 | 10.2 | 3.1777 | 1.7343 | -0.0038 | 4.9083 | 0.0648 | 0.0898 | 0.0135 | 0.1681 |
| 1019 | 10.1 | 10.2 | 3.1818 | 1.7313 | -0.0037 | 4.9095 | 0.0685 | 0.0816 | 0.0132 | 0.1632 |
| 1020 | 10.5 | 10.2 | 3.1834 | 1.729 | -0.0035 | 4.9089 | 0.0601 | 0.08 | 0.0151 | 0.1552 |
| 1021 | 10.3 | 10.2 | 3.1837 | 1.7286 | -0.0034 | 4.909 | 0.0585 | 0.0692 | 0.0181 | 0.1457 |
| 1022 | 10.3 | 10.2 | 3.1842 | 1.7285 | -0.0034 | 4.9093 | 0.0614 | 0.062 | 0.0173 | 0.1407 |
| 1023 | 10.3 | 10.3 | 3.1838 | 1.7288 | -0.0034 | 4.9092 | 0.0487 | 0.0698 | 0.015 | 0.1335 |
| 1024 | 10.2 | 10.3 | 3.1824 | 1.7299 | -0.0036 | 4.9088 | 0.0468 | 0.0683 | 0.012 | 0.1271 |
| 1025 | 10.1 | 10.4 | 3.1814 | 1.7308 | -0.0038 | 4.9084 | 0.0605 | 0.0581 | 0.0093 | 0.128 |
| 1026 | 10.4 | 10.5 | 3.182 | 1.7295 | -0.0039 | 4.9077 | 0.0475 | 0.0706 | 0.0092 | 0.1273 |
| 1027 | 9.53 | 10.5 | 3.1815 | 1.73 | -0.004 | 4.9076 | 0.0466 | 0.0629 | 0.0092 | 0.1187 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1028 | 10.1 | 10.6 | 3.1795 | 1.7321 | -0.0037 | 4.9078 | 0.0402 | 0.0605 | 0.0093 | 0.11 |
| 1029 | 9.7 | 10.6 | 3.178 | 1.7331 | -0.0035 | 4.9076 | 0.03 | 0.0633 | 0.0098 | 0.1031 |
| 1030 | 10.3 | 10.7 | 3.1781 | 1.7331 | -0.0039 | 4.9073 | 0.0217 | 0.059 | 0.0099 | 0.0905 |
| 1031 | 11 | 10.7 | 3.1798 | 1.7313 | -0.0041 | 4.907 | 0.0142 | 0.0608 | 0.008 | 0.083 |
| 1032 | 10.9 | 10.8 | 3.1792 | 1.7318 | -0.0041 | 4.907 | 0.0454 | 0.0328 | 0.0077 | 0.0859 |
| 1033 | 11.2 | 10.8 | 3.1786 | 1.7321 | -0.0043 | 4.9064 | 0.0539 | 0.024 | 0.0071 | 0.085 |
| 1034 | 11.7 | 10.9 | 3.1787 | 1.7317 | -0.0044 | 4.906 | 0.0216 | 0.0568 | 0.0043 | 0.0827 |
| 1035 | 11.8 | 11 | 3.1783 | 1.7324 | -0.0043 | 4.9063 | 0.0438 | 0.0281 | 0.0031 | 0.075 |
| 1036 | 11 | 11 | 3.1782 | 1.7322 | -0.0042 | 4.9062 | 0.0481 | 0.0428 | 0.0029 | 0.0938 |
| 1037 | 11.6 | 11.1 | 3.1784 | 1.7314 | -0.0041 | 4.9057 | 0.0374 | 0.05 | 0.0057 | 0.0931 |
| 1038 | 11.2 | 11.1 | 3.1795 | 1.7306 | -0.0043 | 4.9058 | 0.0139 | 0.0642 | 0.011 | 0.0891 |
| 1039 | 11.8 | 11.2 | 3.1775 | 1.7324 | -0.0041 | 4.9058 | 0.0274 | 0.0537 | 0.0177 | 0.0988 |
| 1040 | 11.1 | 11.2 | 3.1773 | 1.7325 | -0.0041 | 4.9058 | 0.0301 | 0.0622 | 0.0202 | 0.1125 |
| 1041 | 11 | 11.3 | 3.1757 | 1.7334 | -0.004 | 4.9051 | 0.0049 | 0.0887 | 0.0218 | 0.1155 |
| 1042 | 11.5 | 11.3 | 3.1744 | 1.7344 | -0.004 | 4.9048 | -0.0331 | 0.118 | 0.023 | 0.1079 |
| 1043 | 11.5 | 11.3 | 3.1741 | 1.7334 | -0.0041 | 4.9034 | -0.0332 | 0.129 | 0.0187 | 0.1145 |
| 1044 | 11.4 | 11.3 | 3.1754 | 1.7312 | -0.0043 | 4.9023 | -0.0235 | 0.1219 | 0.0145 | 0.1129 |
| 1045 | 11 | 11.2 | 3.1761 | 1.73 | -0.0047 | 4.9014 | -0.0328 | 0.1301 | 0.0115 | 0.1087 |
| 1046 | 11.1 | 11.2 | 3.1746 | 1.7313 | -0.0051 | 4.9008 | -0.0476 | 0.1447 | 0.0022 | 0.0993 |
| 1047 | 10.8 | 11.1 | 3.1748 | 1.7308 | -0.0054 | 4.9002 | -0.044 | 0.1396 | -0.0024 | 0.0933 |
| 1048 | 11.1 | 11 | 3.1786 | 1.7274 | -0.0057 | 4.9002 | -0.0154 | 0.0987 | -0.0049 | 0.0785 |
| 1049 | 11 | 11 | 3.1766 | 1.7282 | -0.006 | 4.8988 | -0.0021 | 0.0776 | -0.0071 | 0.0684 |
| 1050 | 11.4 | 10.9 | 3.1812 | 1.7217 | -0.0061 | 4.8968 | 0.0037 | 0.0688 | -0.0077 | 0.0649 |
| 1051 | 11.2 | 10.9 | 3.1814 | 1.7215 | -0.0058 | 4.8971 | -0.0057 | 0.0653 | -0.0015 | 0.0581 |
| 1052 | 10.8 | 10.9 | 3.1797 | 1.7214 | -0.0055 | 4.8957 | -0.0143 | 0.0775 | 0.0033 | 0.0665 |
| 1053 | 11.5 | 10.9 | 3.1803 | 1.7211 | -0.0047 | 4.8967 | -0.0349 | 0.0976 | 0.0023 | 0.0649 |
| 1054 | 10.8 | 10.8 | 3.1826 | 1.7201 | -0.0044 | 4.8983 | -0.0418 | 0.1024 | 0.002 | 0.0626 |
| 1055 | 10.4 | 10.8 | 3.1851 | 1.7184 | -0.0044 | 4.8992 | -0.0354 | 0.0929 | 0.0005 | 0.058 |
| 1056 | 10.2 | 10.8 | 3.1858 | 1.718 | -0.0044 | 4.8994 | -0.0368 | 0.0855 | 0.0057 | 0.0544 |
| 1057 | 9.97 | 10.7 | 3.1869 | 1.7168 | -0.0046 | 4.8991 | -0.0403 | 0.0826 | 0.005 | 0.0473 |
| 1058 | 10.4 | 10.7 | 3.1867 | 1.7165 | -0.0045 | 4.8987 | -0.0164 | 0.0795 | 0.005 | 0.0681 |
| 1059 | 10.8 | 10.6 | 3.1825 | 1.7198 | -0.0045 | 4.8978 | 0.0247 | 0.0758 | 0.004 | 0.1045 |
| 1060 | 10.6 | 10.6 | 3.1801 | 1.7208 | -0.0047 | 4.8962 | 0.0392 | 0.0343 | 0.0033 | 0.0768 |
| 1061 | 11.1 | 10.6 | 3.1794 | 1.7212 | -0.0048 | 4.8959 | 0.039 | 0.0339 | 0.0078 | 0.0807 |
| 1062 | 11.1 | 10.5 | 3.1753 | 1.7268 | -0.0048 | 4.8972 | 0.0771 | 0.0012 | 0.0138 | 0.092 |
| 1063 | 10.8 | 10.4 | 3.172 | 1.7287 | -0.0052 | 4.8955 | 0.0883 | 0.0034 | 0.0155 | 0.1072 |
| 1064 | 10.5 | 10.4 | 3.1738 | 1.7272 | -0.0054 | 4.8956 | 0.0849 | 0.0114 | 0.0169 | 0.1132 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1065 | 10.1 | 10.4 | 3.172 | 1.7292 | -0.0055 | 4.8957 | 0.076 | 0.0159 | 0.0196 | 0.1115 |
| 1066 | 9.78 | 10.4 | 3.1736 | 1.728 | -0.0054 | 4.8961 | 0.0645 | 0.0201 | 0.0232 | 0.1078 |
| 1067 | 10.1 | 10.4 | 3.1745 | 1.7279 | -0.0055 | 4.8968 | 0.0594 | 0.0235 | 0.0209 | 0.1038 |
| 1068 | 10.5 | 10.3 | 3.1751 | 1.7282 | -0.0057 | 4.8976 | -0.0045 | 0.0903 | 0.0154 | 0.1011 |
| 1069 | 10.6 | 10.2 | 3.1756 | 1.7288 | -0.0058 | 4.8985 | -0.0371 | 0.1063 | 0.0151 | 0.0842 |
| 1070 | 10.6 | 10.2 | 3.1763 | 1.7291 | -0.0058 | 4.8997 | -0.0026 | 0.0778 | 0.0152 | 0.0904 |
| 1071 | 9.98 | 10.1 | 3.1767 | 1.7291 | -0.0055 | 4.9003 | 0.005 | 0.0562 | 0.0122 | 0.0734 |
| 1072 | 10.2 | 9.97 | 3.1774 | 1.7287 | -0.0054 | 4.9007 | 0.0041 | 0.0498 | 0.0088 | 0.0627 |
| 1073 | 9.67 | 9.9 | 3.178 | 1.7289 | -0.0053 | 4.9016 | 0.0083 | 0.0474 | 0.008 | 0.0637 |
| 1074 | 10.4 | 9.87 | 3.1785 | 1.7288 | -0.005 | 4.9023 | 0.005 | 0.0469 | 0.008 | 0.0599 |
| 1075 | 10.1 | 9.82 | 3.1791 | 1.7284 | -0.0048 | 4.9026 | -0.007 | 0.0572 | 0.0069 | 0.0571 |
| 1076 | 9.64 | 9.86 | 3.1795 | 1.7283 | -0.0047 | 4.9031 | -0.0156 | 0.0712 | 0.0073 | 0.0629 |
| 1077 | 9.31 | 9.85 | 3.18 | 1.7281 | -0.0046 | 4.9035 | -0.0147 | 0.0651 | 0.0101 | 0.0605 |
| 1078 | 9.55 | 9.87 | 3.1801 | 1.728 | -0.0047 | 4.9034 | -0.0199 | 0.0675 | 0.0124 | 0.06 |
| 1079 | 9.29 | 9.89 | 3.1804 | 1.728 | -0.0049 | 4.9036 | -0.0356 | 0.0865 | 0.0183 | 0.0692 |
| 1080 | 9.06 | 9.89 | 3.1806 | 1.728 | -0.0048 | 4.9039 | -0.0453 | 0.0959 | 0.0249 | 0.0754 |
| 1081 | 9.2 | 9.93 | 3.1807 | 1.7279 | -0.0048 | 4.9038 | -0.048 | 0.1037 | 0.0221 | 0.0778 |
| 1082 | 9.41 | 9.95 | 3.1801 | 1.7283 | -0.0048 | 4.9037 | -0.0256 | 0.0911 | 0.0196 | 0.0851 |
| 1083 | 9.91 | 9.98 | 3.1801 | 1.7282 | -0.0046 | 4.9037 | -0.0151 | 0.0947 | 0.0202 | 0.0998 |
| 1084 | 9.31 | 9.98 | 3.1796 | 1.7282 | -0.0044 | 4.9035 | -0.0167 | 0.0977 | 0.0182 | 0.0992 |
| 1085 | 10.5 | 10 | 3.1793 | 1.7284 | -0.0044 | 4.9033 | -0.0107 | 0.0982 | 0.0186 | 0.106 |
| 1086 | 10.1 | 10.1 | 3.1799 | 1.7283 | -0.0047 | 4.9034 | -0.0106 | 0.1127 | 0.0207 | 0.1228 |
| 1087 | 10.7 | 10.1 | 3.1805 | 1.7278 | -0.005 | 4.9032 | -0.0092 | 0.1178 | 0.0236 | 0.1322 |
| 1088 | 11.1 | 10.2 | 3.1804 | 1.7272 | -0.0052 | 4.9024 | -0.0045 | 0.1199 | 0.0268 | 0.1422 |
| 1089 | 10.5 | 10.3 | 3.1798 | 1.7269 | -0.0053 | 4.9013 | 0.0086 | 0.1175 | 0.0245 | 0.1506 |
| 1090 | 10.7 | 10.4 | 3.1796 | 1.7264 | -0.0056 | 4.9004 | -0.0114 | 0.1351 | 0.0232 | 0.1469 |
| 1091 | 10.6 | 10.5 | 3.1792 | 1.7262 | -0.0059 | 4.8995 | -0.0162 | 0.1323 | 0.0221 | 0.1382 |
| 1092 | 10.2 | 10.6 | 3.1785 | 1.7258 | -0.0059 | 4.8985 | -0.0326 | 0.1373 | 0.0186 | 0.1232 |
| 1093 | 10.4 | 10.6 | 3.1777 | 1.7255 | -0.0058 | 4.8974 | -0.0524 | 0.1436 | 0.0177 | 0.1089 |
| 1094 | 10.7 | 10.7 | 3.1774 | 1.7248 | -0.006 | 4.8962 | -0.0579 | 0.1256 | 0.0155 | 0.0832 |
| 1095 | 11 | 10.7 | 3.1778 | 1.7242 | -0.0056 | 4.8965 | -0.0499 | 0.0952 | 0.0103 | 0.0557 |
| 1096 | 10.6 | 10.8 | 3.1773 | 1.7239 | -0.0054 | 4.8958 | -0.0452 | 0.0762 | 0.0056 | 0.0366 |
| 1097 | 11.2 | 10.8 | 3.1782 | 1.7227 | -0.0053 | 4.8956 | -0.0576 | 0.0881 | 0.0021 | 0.0326 |
| 1098 | 10.9 | 10.9 | 3.1781 | 1.7221 | -0.0051 | 4.8951 | -0.0529 | 0.0788 | -0.0014 | 0.0246 |
| 1099 | 11 | 10.9 | 3.1782 | 1.7224 | -0.0049 | 4.8956 | -0.0163 | 0.0457 | -0.0024 | 0.027 |
| 1100 | 11 | 10.9 | 3.1793 | 1.7226 | -0.0051 | 4.8967 | -0.0382 | 0.06 | -0.0038 | 0.018 |
| 1101 | 10.5 | 10.9 | 3.1802 | 1.7227 | -0.0051 | 4.8978 | -0.0017 | -0.0016 | -0.0043 | -0.0076 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1102 | 10.8 | 11 | 3.1808 | 1.7224 | -0.0049 | 4.8983 | -0.0041 | 0.0034 | -0.0001 | -0.0008 |
| 1103 | 10.7 | 11 | 3.182 | 1.7222 | -0.0047 | 4.8994 | -0.0146 | 0.0054 | 0.0014 | -0.0078 |
| 1104 | 11.3 | 11 | 3.182 | 1.7231 | -0.0049 | 4.9002 | -0.0095 | 0.0027 | 0.0089 | 0.0021 |
| 1105 | 11.3 | 11 | 3.1822 | 1.7236 | -0.0051 | 4.9007 | 0.0024 | -0.0042 | 0.014 | 0.0122 |
| 1106 | 11.5 | 11 | 3.1827 | 1.7231 | -0.0051 | 4.9008 | 0.0227 | -0.0176 | 0.0143 | 0.0194 |
| 1107 | 11.3 | 10.9 | 3.1821 | 1.7231 | -0.0051 | 4.9001 | 0.0307 | -0.0169 | 0.0124 | 0.0262 |
| 1108 | 10.8 | 10.9 | 3.1824 | 1.7224 | -0.005 | 4.8998 | 0.0411 | -0.0274 | 0.0081 | 0.0219 |
| 1109 | 11.6 | 10.9 | 3.181 | 1.7236 | -0.0049 | 4.8997 | 0.039 | -0.0302 | 0.0073 | 0.0161 |
| 1110 | 10.8 | 10.8 | 3.1798 | 1.7247 | -0.0053 | 4.8991 | 0.0011 | 0.0008 | 0.0057 | 0.0076 |
| 1111 | 11.2 | 10.8 | 3.1784 | 1.7258 | -0.0057 | 4.8985 | -0.0226 | 0.0128 | 0.0005 | -0.0093 |
| 1112 | 11.1 | 10.8 | 3.1785 | 1.7251 | -0.0057 | 4.8979 | -0.0302 | 0.0147 | -0.0004 | -0.0158 |
| 1113 | 10.7 | 10.8 | 3.1784 | 1.7248 | -0.0056 | 4.8976 | -0.0675 | 0.0678 | 0 | 0.0004 |
| 1114 | 10.4 | 10.7 | 3.1791 | 1.7246 | -0.0057 | 4.898 | -0.0917 | 0.0808 | -0.0034 | -0.0143 |
| 1115 | 10.5 | 10.7 | 3.1798 | 1.7247 | -0.0058 | 4.8987 | -0.0659 | 0.0617 | -0.0034 | -0.0076 |
| 1116 | 10.5 | 10.6 | 3.1801 | 1.7247 | -0.0056 | 4.8992 | -0.0863 | 0.082 | -0.0028 | -0.0071 |
| 1117 | 9.93 | 10.6 | 3.1808 | 1.7241 | -0.0053 | 4.8996 | -0.075 | 0.0738 | -0.0014 | -0.0026 |
| 1118 | 10.4 | 10.6 | 3.1815 | 1.7237 | -0.0053 | 4.8998 | -0.0713 | 0.0655 | -0.0047 | -0.0106 |
| 1119 | 10.2 | 10.5 | 3.1821 | 1.7235 | -0.0052 | 4.9005 | -0.0712 | 0.0685 | -0.008 | -0.0107 |
| 1120 | 10.5 | 10.5 | 3.1829 | 1.7234 | -0.0048 | 4.9015 | -0.0594 | 0.0705 | -0.0107 | 0.0004 |
| 1121 | 10.5 | 10.4 | 3.1833 | 1.7236 | -0.0043 | 4.9027 | -0.057 | 0.077 | -0.0074 | 0.0126 |
| 1122 | 10.4 | 10.4 | 3.1834 | 1.7237 | -0.0042 | 4.9029 | -0.0575 | 0.0791 | -0.0043 | 0.0173 |
| 1123 | 10.3 | 10.4 | 3.1833 | 1.7241 | -0.0042 | 4.9032 | -0.0517 | 0.0769 | -0.0052 | 0.0201 |
| 1124 | 10.2 | 10.4 | 3.1831 | 1.7242 | -0.0043 | 4.9031 | -0.0422 | 0.0806 | -0.0044 | 0.0341 |
| 1125 | 10.7 | 10.4 | 3.183 | 1.7237 | -0.0045 | 4.9021 | -0.0281 | 0.0796 | -0.0008 | 0.0506 |
| 1126 | 10.7 | 10.4 | 3.1835 | 1.723 | -0.0049 | 4.9016 | -0.0171 | 0.0774 | 0.0004 | 0.0607 |
| 1127 | 10.2 | 10.4 | 3.1835 | 1.7232 | -0.0052 | 4.9016 | -0.0075 | 0.0698 | 0.0012 | 0.0635 |
| 1128 | 9.86 | 10.4 | 3.183 | 1.7234 | -0.0055 | 4.9009 | -0.0027 | 0.0631 | 0.0017 | 0.062 |
| 1129 | 10.7 | 10.5 | 3.1826 | 1.7235 | -0.006 | 4.9001 | -0.0054 | 0.0717 | 0.0007 | 0.067 |
| 1130 | 10.7 | 10.5 | 3.1829 | 1.7227 | -0.0061 | 4.8995 | 0.0001 | 0.071 | 0.0015 | 0.0726 |
| 1131 | 9.87 | 10.6 | 3.1824 | 1.7222 | -0.0061 | 4.8984 | -0.0063 | 0.0773 | 0.0028 | 0.0738 |
| 1132 | 10.6 | 10.7 | 3.1808 | 1.7224 | -0.0061 | 4.897 | -0.0061 | 0.0782 | 0.0046 | 0.0767 |
| 1133 | 10.6 | 10.7 | 3.1802 | 1.7224 | -0.0061 | 4.8965 | -0.0097 | 0.0826 | 0.0046 | 0.0775 |
| 1134 | 10.8 | 10.7 | 3.1798 | 1.7219 | -0.0063 | 4.8954 | -0.0051 | 0.0759 | 0.0057 | 0.0765 |
| 1135 | 10.6 | 10.7 | 3.1793 | 1.7211 | -0.0064 | 4.894 | -0.0082 | 0.0746 | 0.0079 | 0.0743 |
| 1136 | 10.3 | 10.7 | 3.1791 | 1.7204 | -0.0066 | 4.893 | -0.017 | 0.0795 | 0.0086 | 0.0711 |
| 1137 | 10.7 | 10.7 | 3.1789 | 1.7195 | -0.0068 | 4.8915 | -0.0235 | 0.0923 | 0.0048 | 0.0736 |
| 1138 | 11.2 | 10.7 | 3.1787 | 1.7189 | -0.0067 | 4.8908 | -0.0262 | 0.0999 | 0.0016 | 0.0752 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1139 | 11.4 | 10.7 | 3.1786 | 1.7188 | -0.0064 | 4.8911 | -0.0163 | 0.0865 | 0.0006 | 0.0708 |
| 1140 | 11.9 | 10.7 | 3.1789 | 1.7193 | -0.0063 | 4.8919 | -0.022 | 0.0853 | 0.0007 | 0.064 |
| 1141 | 11.2 | 10.7 | 3.1789 | 1.7197 | -0.0059 | 4.8928 | -0.0237 | 0.0834 | -0.0001 | 0.0596 |
| 1142 | 10.4 | 10.7 | 3.1797 | 1.72 | -0.0058 | 4.8939 | -0.0387 | 0.0962 | -0.0045 | 0.0529 |
| 1143 | 11.2 | 10.6 | 3.1799 | 1.7209 | -0.0057 | 4.8951 | -0.041 | 0.0867 | -0.005 | 0.0407 |
| 1144 | 10.3 | 10.6 | 3.1804 | 1.7217 | -0.0054 | 4.8967 | -0.0471 | 0.0831 | -0.0043 | 0.0317 |
| 1145 | 10.7 | 10.6 | 3.1806 | 1.7224 | -0.0052 | 4.8978 | -0.0563 | 0.0816 | -0.0061 | 0.0193 |
| 1146 | 10.3 | 10.6 | 3.1804 | 1.7225 | -0.0053 | 4.8976 | -0.0524 | 0.0738 | -0.0026 | 0.0188 |
| 1147 | 10.1 | 10.6 | 3.1801 | 1.723 | -0.0053 | 4.8977 | -0.0545 | 0.072 | 0.0003 | 0.0177 |
| 1148 | 10.2 | 10.5 | 3.1802 | 1.7228 | -0.0055 | 4.8975 | -0.0553 | 0.072 | 0.0021 | 0.0189 |
| 1149 | 10.4 | 10.5 | 3.1804 | 1.7222 | -0.0056 | 4.897 | -0.043 | 0.0588 | 0.0059 | 0.0218 |
| 1150 | 10 | 10.4 | 3.1814 | 1.7218 | -0.0057 | 4.8976 | -0.049 | 0.065 | 0.0075 | 0.0235 |
| 1151 | 10.1 | 10.3 | 3.1818 | 1.7212 | -0.0058 | 4.8972 | -0.0297 | 0.0624 | 0.0076 | 0.0404 |
| 1152 | 9.96 | 10.3 | 3.1812 | 1.7209 | -0.0056 | 4.8964 | -0.0138 | 0.066 | 0.0087 | 0.0609 |
| 1153 | 10 | 10.3 | 3.1813 | 1.7209 | -0.0056 | 4.8965 | 0.0128 | 0.0399 | 0.0097 | 0.0624 |
| 1154 | 10.1 | 10.2 | 3.1823 | 1.7205 | -0.0058 | 4.8971 | 0.0182 | 0.0456 | 0.0101 | 0.0739 |
| 1155 | 10.4 | 10.2 | 3.1829 | 1.7202 | -0.0058 | 4.8973 | 0.0187 | 0.0564 | 0.0103 | 0.0854 |
| 1156 | 10.7 | 10.2 | 3.1827 | 1.7197 | -0.0056 | 4.8968 | 0.0118 | 0.0734 | 0.0092 | 0.0944 |
| 1157 | 10.2 | 10.2 | 3.1827 | 1.7196 | -0.0054 | 4.8969 | 0.0102 | 0.08 | 0.007 | 0.0972 |
| 1158 | 10.4 | 10.2 | 3.1828 | 1.7195 | -0.0053 | 4.8971 | 0.0051 | 0.0735 | 0.0021 | 0.0807 |
| 1159 | 10.4 | 10.2 | 3.1823 | 1.7197 | -0.0051 | 4.897 | 0.01 | 0.0535 | -0.001 | 0.0626 |
| 1160 | 10.2 | 10.2 | 3.1824 | 1.7196 | -0.0048 | 4.8972 | -0.0046 | 0.0603 | -0.0028 | 0.0529 |
| 1161 | 10.3 | 10.3 | 3.1825 | 1.7197 | -0.0048 | 4.8974 | -0.0209 | 0.0601 | -0.007 | 0.0323 |
| 1162 | 10.3 | 10.3 | 3.182 | 1.72 | -0.0048 | 4.8972 | -0.0266 | 0.0667 | -0.0122 | 0.0279 |
| 1163 | 10 | 10.3 | 3.1812 | 1.7206 | -0.0049 | 4.8969 | -0.0309 | 0.0662 | -0.0092 | 0.0261 |
| 1164 | 9.82 | 10.3 | 3.1804 | 1.721 | -0.0051 | 4.8963 | -0.0236 | 0.0621 | -0.0085 | 0.0301 |
| 1165 | 10.8 | 10.3 | 3.1806 | 1.7211 | -0.0052 | 4.8964 | -0.0177 | 0.0571 | -0.0092 | 0.0303 |
| 1166 | 9.96 | 10.3 | 3.1811 | 1.7206 | -0.0053 | 4.8964 | -0.021 | 0.0678 | -0.0104 | 0.0365 |
| 1167 | 10.3 | 10.4 | 3.1816 | 1.7213 | -0.0051 | 4.8979 | -0.0251 | 0.0781 | -0.0071 | 0.0459 |
| 1168 | 10.3 | 10.4 | 3.1823 | 1.7213 | -0.0049 | 4.8987 | -0.0315 | 0.0898 | -0.002 | 0.0564 |
| 1169 | 10.4 | 10.4 | 3.1815 | 1.7217 | -0.0048 | 4.8985 | -0.0377 | 0.1047 | 0.0016 | 0.0686 |
| 1170 | 10.5 | 10.4 | 3.182 | 1.7214 | -0.005 | 4.8984 | -0.0358 | 0.1117 | 0.0028 | 0.0787 |
| 1171 | 10.8 | 10.4 | 3.1825 | 1.7212 | -0.0051 | 4.8985 | -0.0308 | 0.1158 | 0.0057 | 0.0907 |
| 1172 | 10.1 | 10.4 | 3.1826 | 1.721 | -0.0049 | 4.8987 | -0.0429 | 0.1343 | 0.0062 | 0.0975 |
| 1173 | 10.1 | 10.5 | 3.1822 | 1.7209 | -0.0049 | 4.8982 | -0.037 | 0.1297 | 0.0034 | 0.0961 |
| 1174 | 10.6 | 10.5 | 3.1813 | 1.7209 | -0.0049 | 4.8972 | -0.0314 | 0.1287 | 0.0001 | 0.0974 |
| 1175 | 10.9 | 10.5 | 3.1808 | 1.7206 | -0.0048 | 4.8965 | -0.0077 | 0.1203 | 0.0011 | 0.1136 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1176 | 10.6 | 10.5 | 3.1802 | 1.7213 | -0.0048 | 4.8967 | 0.0247 | 0.0685 | -0.0019 | 0.0913 |
| 1177 | 10.8 | 10.5 | 3.1803 | 1.7217 | -0.0048 | 4.8972 | 0.0287 | 0.0595 | -0.0054 | 0.0828 |
| 1178 | 10.7 | 10.5 | 3.1807 | 1.7209 | -0.0048 | 4.8967 | 0.0203 | 0.0698 | -0.0113 | 0.0789 |
| 1179 | 10.3 | 10.5 | 3.1804 | 1.7209 | -0.005 | 4.8963 | 0.02 | 0.062 | -0.0155 | 0.0665 |
| 1180 | 10.8 | 10.5 | 3.1813 | 1.7203 | -0.0051 | 4.8965 | 0.0164 | 0.0582 | -0.0173 | 0.0574 |
| 1181 | 10.6 | 10.6 | 3.1813 | 1.7201 | -0.0052 | 4.8961 | -0.0037 | 0.0684 | -0.0149 | 0.0499 |
| 1182 | 10.7 | 10.6 | 3.1811 | 1.7201 | -0.0053 | 4.8959 | -0.0036 | 0.0692 | -0.0134 | 0.0522 |
| 1183 | 10.3 | 10.6 | 3.1806 | 1.7206 | -0.0052 | 4.896 | 0.0263 | 0.0291 | -0.0152 | 0.0402 |
| 1184 | 10.2 | 10.6 | 3.1804 | 1.7208 | -0.0052 | 4.896 | 0.0401 | 0.0095 | -0.0162 | 0.0334 |
| 1185 | 10.4 | 10.6 | 3.181 | 1.7204 | -0.0053 | 4.8962 | 0.0422 | 0.0071 | -0.0167 | 0.0326 |
| 1186 | 11 | 10.6 | 3.1822 | 1.7191 | -0.0052 | 4.8961 | 0.0262 | 0.0191 | -0.0152 | 0.0301 |
| 1187 | 10.6 | 10.6 | 3.1831 | 1.7178 | -0.0052 | 4.8957 | -0.0089 | 0.0481 | -0.0158 | 0.0235 |
| 1188 | 10.3 | 10.6 | 3.1821 | 1.7186 | -0.0053 | 4.8954 | -0.0152 | 0.0493 | -0.015 | 0.0191 |
| 1189 | 10.7 | 10.6 | 3.182 | 1.7183 | -0.0054 | 4.8949 | -0.0131 | 0.0435 | -0.0142 | 0.0162 |
| 1190 | 11.1 | 10.6 | 3.182 | 1.718 | -0.0056 | 4.8944 | 0.0037 | 0.032 | -0.0102 | 0.0254 |
| 1191 | 10.3 | 10.6 | 3.183 | 1.7166 | -0.0054 | 4.8942 | 0.0125 | 0.0349 | -0.0098 | 0.0376 |
| 1192 | 10.6 | 10.6 | 3.1826 | 1.7172 | -0.0054 | 4.8944 | -0.0191 | 0.066 | -0.0061 | 0.0408 |
| 1193 | 10.7 | 10.6 | 3.1825 | 1.7171 | -0.0054 | 4.8942 | -0.0603 | 0.1226 | -0.0056 | 0.0568 |
| 1194 | 11.1 | 10.6 | 3.183 | 1.7166 | -0.0054 | 4.8942 | -0.0928 | 0.1812 | -0.0074 | 0.081 |
| 1195 | 10.8 | 10.6 | 3.1831 | 1.7168 | -0.0053 | 4.8946 | -0.1557 | 0.2506 | -0.0086 | 0.0863 |
| 1196 | 10.6 | 10.6 | 3.1828 | 1.7167 | -0.0054 | 4.894 | -0.1935 | 0.2914 | -0.0082 | 0.0897 |
| 1197 | 10.1 | 10.6 | 3.1837 | 1.7155 | -0.0055 | 4.8937 | -0.2483 | 0.3471 | -0.0096 | 0.0891 |
| 1198 | 10.2 | 10.6 | 3.1824 | 1.7162 | -0.0057 | 4.8929 | -0.2744 | 0.363 | -0.0098 | 0.0788 |
| 1199 | 10.5 | 10.7 | 3.1831 | 1.7159 | -0.0057 | 4.8933 | -0.2648 | 0.3504 | -0.013 | 0.0726 |
| 1200 | 10.7 | 10.7 | 3.1822 | 1.7163 | -0.0059 | 4.8927 | -0.2424 | 0.325 | -0.0142 | 0.0685 |
| 1201 | 10.3 | 10.7 | 3.1816 | 1.7161 | -0.006 | 4.8917 | -0.1942 | 0.2836 | -0.0162 | 0.0733 |
| 1202 | 11 | 10.8 | 3.1795 | 1.7184 | -0.0059 | 4.8921 | -0.1994 | 0.2869 | -0.0185 | 0.069 |
| 1203 | 11 | 10.8 | 3.1801 | 1.7177 | -0.0057 | 4.892 | -0.235 | 0.3083 | -0.0151 | 0.0582 |
| 1204 | 10.1 | 10.8 | 3.1801 | 1.7174 | -0.0059 | 4.8916 | -0.2203 | 0.3022 | -0.0101 | 0.0719 |
| 1205 | 10.7 | 10.8 | 3.181 | 1.7163 | -0.006 | 4.8913 | -0.1653 | 0.2517 | -0.0096 | 0.0768 |
| 1206 | 10.4 | 10.8 | 3.1817 | 1.7152 | -0.0058 | 4.891 | -0.0997 | 0.1881 | -0.0099 | 0.0785 |
| 1207 | 10.7 | 10.8 | 3.1816 | 1.7157 | -0.0053 | 4.892 | -0.0501 | 0.144 | -0.0045 | 0.0894 |
| 1208 | 11.4 | 10.8 | 3.1814 | 1.717 | -0.0049 | 4.8935 | 0.005 | 0.0916 | -0.0007 | 0.0959 |
| 1209 | 11.4 | 10.8 | 3.1815 | 1.7176 | -0.0046 | 4.8944 | 0.0205 | 0.0838 | 0.005 | 0.1093 |
| 1210 | 11.5 | 10.8 | 3.1818 | 1.7187 | -0.0046 | 4.8959 | 0.0407 | 0.0657 | 0.0034 | 0.1098 |
| 1211 | 11.3 | 10.8 | 3.1811 | 1.7191 | -0.0045 | 4.8957 | 0.0618 | 0.066 | 0.008 | 0.1358 |
| 1212 | 11.5 | 10.8 | 3.1816 | 1.7185 | -0.0048 | 4.8952 | 0.0649 | 0.0778 | 0.0068 | 0.1496 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1213 | 10.9 | 10.9 | 3.1808 | 1.7186 | -0.0048 | 4.8946 | 0.0281 | 0.1306 | 0.0032 | 0.1619 |
| 1214 | 10.8 | 10.9 | 3.1809 | 1.7189 | -0.0048 | 4.895 | -0.0271 | 0.1737 | -0.0009 | 0.1457 |
| 1215 | 10.2 | 11 | 3.1819 | 1.7179 | -0.0047 | 4.8951 | -0.0555 | 0.1968 | -0.0056 | 0.1356 |
| 1216 | 9.79 | 11 | 3.1826 | 1.7169 | -0.0049 | 4.8946 | -0.0304 | 0.1679 | -0.0096 | 0.1279 |
| 1217 | 9.93 | 11 | 3.184 | 1.7151 | -0.0051 | 4.8939 | 0.0089 | 0.1285 | -0.0113 | 0.126 |
| 1218 | 10.5 | 11 | 3.1852 | 1.7132 | -0.0055 | 4.893 | 0.0383 | 0.112 | -0.0066 | 0.1437 |
| 1219 | 10.8 | 11 | 3.1857 | 1.7124 | -0.0055 | 4.8926 | 0.0489 | 0.0925 | -0.0052 | 0.1362 |
| 1220 | 11 | 10.9 | 3.186 | 1.7118 | -0.0053 | 4.8925 | 0.0367 | 0.1029 | -0.0055 | 0.134 |
| 1221 | 11.3 | 10.9 | 3.1876 | 1.7102 | -0.0049 | 4.8929 | 0.0612 | 0.0793 | -0.0062 | 0.1343 |
| 1222 | 11.7 | 10.9 | 3.1871 | 1.7107 | -0.0045 | 4.8933 | 0.0593 | 0.0814 | -0.0089 | 0.1318 |
| 1223 | 11.7 | 10.9 | 3.1864 | 1.7112 | -0.0042 | 4.8934 | 0.0693 | 0.0689 | -0.0057 | 0.1324 |
| 1224 | 11.3 | 10.8 | 3.1839 | 1.7122 | -0.0044 | 4.8917 | 0.0917 | 0.0454 | -0.0041 | 0.1329 |
| 1225 | 10.8 | 10.8 | 3.1805 | 1.7168 | -0.0043 | 4.893 | 0.0826 | 0.0477 | -0.002 | 0.1283 |
| 1226 | 11 | 10.9 | 3.1806 | 1.7171 | -0.0044 | 4.8934 | 0.0756 | 0.0564 | 0.0012 | 0.1332 |
| 1227 | 11 | 10.9 | 3.1815 | 1.7163 | -0.0041 | 4.8937 | 0.06 | 0.0827 | 0.0025 | 0.1452 |
| 1228 | 10.8 | 11 | 3.181 | 1.7172 | -0.004 | 4.8943 | 0.0472 | 0.1058 | 0.0036 | 0.1565 |
| 1229 | 10.6 | 11 | 3.1809 | 1.7177 | -0.0043 | 4.8943 | 0.0472 | 0.1048 | 0.0051 | 0.1572 |
| 1230 | 11 | 10.9 | 3.1832 | 1.7159 | -0.0046 | 4.8945 | 0.0491 | 0.1059 | 0.004 | 0.159 |
| 1231 | 11.1 | 10.9 | 3.1827 | 1.7152 | -0.0048 | 4.8932 | 0.0589 | 0.1077 | 0.0026 | 0.1692 |
| 1232 | 10.9 | 10.8 | 3.1781 | 1.7194 | -0.0046 | 4.893 | 0.067 | 0.0937 | -0.004 | 0.1568 |
| 1233 | 10.2 | 10.8 | 3.1762 | 1.7214 | -0.0045 | 4.8932 | 0.0601 | 0.0873 | -0.0066 | 0.1408 |
| 1234 | 10.3 | 10.7 | 3.1756 | 1.7212 | -0.0046 | 4.8922 | 0.0378 | 0.0946 | -0.006 | 0.1264 |
| 1235 | 11 | 10.7 | 3.1767 | 1.7192 | -0.0049 | 4.891 | 0.0469 | 0.0846 | -0.0057 | 0.1258 |
| 1236 | 10.6 | 10.7 | 3.18 | 1.7156 | -0.005 | 4.8906 | 0.0519 | 0.0781 | -0.0042 | 0.1258 |
| 1237 | 11.3 | 10.6 | 3.1804 | 1.7145 | -0.0053 | 4.8896 | 0.0514 | 0.0739 | -0.0013 | 0.124 |
| 1238 | 10.7 | 10.6 | 3.18 | 1.7145 | -0.0053 | 4.8892 | 0.058 | 0.0683 | 0.0014 | 0.1277 |
| 1239 | 10.1 | 10.6 | 3.1783 | 1.7156 | -0.0054 | 4.8885 | 0.0702 | 0.0601 | 0.002 | 0.1322 |
| 1240 | 10.6 | 10.6 | 3.1777 | 1.7158 | -0.0053 | 4.8882 | 0.0881 | 0.0458 | 0.0025 | 0.1364 |
| 1241 | 10.7 | 10.6 | 3.1808 | 1.7131 | -0.0052 | 4.8887 | 0.0908 | 0.0424 | 0.0019 | 0.1351 |
| 1242 | 10.4 | 10.5 | 3.1857 | 1.7078 | -0.0052 | 4.8882 | 0.0977 | 0.0414 | 0.0047 | 0.1437 |
| 1243 | 10.8 | 10.5 | 3.1892 | 1.7028 | -0.0049 | 4.887 | 0.092 | 0.0534 | 0.005 | 0.1505 |
| 1244 | 10.1 | 10.6 | 3.196 | 1.6966 | -0.0045 | 4.8881 | 0.0888 | 0.0546 | 0.0041 | 0.1476 |
| 1245 | 10.2 | 10.5 | 3.2 | 1.6933 | -0.0044 | 4.8888 | 0.0846 | 0.056 | 0.0026 | 0.1432 |
| 1246 | 10 | 10.5 | 3.2052 | 1.6878 | -0.0043 | 4.8887 | 0.0887 | 0.0528 | 0.003 | 0.1446 |
| 1247 | 11.3 | 10.5 | 3.2075 | 1.6867 | -0.0043 | 4.8899 | 0.0815 | 0.0557 | 0.0018 | 0.1391 |
| 1248 | 10.7 | 10.5 | 3.2067 | 1.6878 | -0.0042 | 4.8902 | 0.0885 | 0.051 | 0.0022 | 0.1417 |
| 1249 | 10.1 | 10.5 | 3.2046 | 1.6897 | -0.0042 | 4.8902 | 0.0709 | 0.0628 | 0.0014 | 0.135 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1250 | 10.3 | 10.5 | 3.2008 | 1.6935 | -0.0041 | 4.8902 | 0.0743 | 0.0675 | 0 | 0.1418 |
| 1251 | 10.4 | 10.4 | 3.2017 | 1.6925 | -0.0039 | 4.8903 | 0.0629 | 0.0743 | -0.0044 | 0.1329 |
| 1252 | 10.5 | 10.4 | 3.2047 | 1.6901 | -0.0041 | 4.8906 | 0.0592 | 0.0656 | -0.0054 | 0.1193 |
| 1253 | 10.7 | 10.4 | 3.2033 | 1.6906 | -0.0046 | 4.8894 | 0.0393 | 0.0849 | -0.0031 | 0.1212 |
| 1254 | 10.8 | 10.4 | 3.1989 | 1.6954 | -0.0048 | 4.8894 | 0.0332 | 0.0924 | -0.0008 | 0.1248 |
| 1255 | 10.5 | 10.4 | 3.1928 | 1.7014 | -0.0048 | 4.8894 | 0.0365 | 0.0862 | -0.0031 | 0.1197 |
| 1256 | 10.5 | 10.4 | 3.1877 | 1.7053 | -0.0052 | 4.8878 | 0.0472 | 0.0661 | -0.0057 | 0.1076 |
| 1257 | 10.2 | 10.4 | 3.1823 | 1.7104 | -0.0053 | 4.8874 | 0.0614 | 0.054 | -0.004 | 0.1114 |
| 1258 | 10.3 | 10.4 | 3.1808 | 1.7112 | -0.0058 | 4.8861 | 0.0511 | 0.0605 | -0.0031 | 0.1085 |
| 1259 | 9.94 | 10.4 | 3.1783 | 1.7131 | -0.0054 | 4.886 | 0.0294 | 0.0775 | 0 | 0.1069 |
| 1260 | 9.86 | 10.4 | 3.1762 | 1.713 | -0.0056 | 4.8836 | 0.0282 | 0.0768 | 0.0029 | 0.1078 |
| 1261 | 10.5 | 10.4 | 3.176 | 1.712 | -0.0054 | 4.8825 | 0.0339 | 0.0732 | 0.0053 | 0.1123 |
| 1262 | 10.3 | 10.4 | 3.1792 | 1.7069 | -0.0051 | 4.881 | 0.0214 | 0.0784 | 0.0076 | 0.1074 |
| 1263 | 10.2 | 10.4 | 3.1839 | 1.7032 | -0.0048 | 4.8823 | 0.0319 | 0.0684 | 0.0064 | 0.1067 |
| 1264 | 10.4 | 10.4 | 3.1859 | 1.7013 | -0.0045 | 4.8828 | 0.0314 | 0.0655 | 0.009 | 0.1058 |
| 1265 | 10.6 | 10.3 | 3.1836 | 1.7043 | -0.0042 | 4.8836 | 0.0326 | 0.0743 | 0.0123 | 0.1193 |
| 1266 | 10.7 | 10.3 | 3.1802 | 1.7077 | -0.0042 | 4.8838 | 0.0392 | 0.0779 | 0.0137 | 0.1308 |
| 1267 | 10.2 | 10.3 | 3.1778 | 1.7101 | -0.0044 | 4.8835 | 0.0481 | 0.0732 | 0.0122 | 0.1336 |
| 1268 | 10.3 | 10.3 | 3.1774 | 1.7121 | -0.0043 | 4.8851 | 0.0591 | 0.0738 | 0.008 | 0.1409 |
| 1269 | 10.3 | 10.3 | 3.1779 | 1.7114 | -0.0042 | 4.8851 | 0.0466 | 0.0763 | 0.0035 | 0.1263 |
| 1270 | 10.5 | 10.4 | 3.1759 | 1.7134 | -0.0044 | 4.885 | 0.046 | 0.0722 | 0.0013 | 0.1195 |
| 1271 | 10.7 | 10.4 | 3.1766 | 1.713 | -0.0042 | 4.8854 | 0.0515 | 0.0694 | 0.0016 | 0.1226 |
| 1272 | 10.3 | 10.5 | 3.1757 | 1.7141 | -0.0043 | 4.8855 | 0.0865 | 0.0556 | 0.0025 | 0.1446 |
| 1273 | 10.5 | 10.5 | 3.173 | 1.7164 | -0.0045 | 4.8849 | 0.0732 | 0.0818 | 0.0009 | 0.1558 |
| 1274 | 10 | 10.5 | 3.173 | 1.7161 | -0.0047 | 4.8844 | 0.0552 | 0.1045 | 0.0009 | 0.1606 |
| 1275 | 10 | 10.5 | 3.1732 | 1.715 | -0.0049 | 4.8832 | 0.0215 | 0.1146 | 0.0004 | 0.1365 |
| 1276 | 10.2 | 10.6 | 3.1742 | 1.713 | -0.005 | 4.8822 | -0.0129 | 0.1487 | 0.0043 | 0.1402 |
| 1277 | 10.3 | 10.6 | 3.1756 | 1.7112 | -0.0052 | 4.8816 | -0.0285 | 0.1549 | 0.0044 | 0.1308 |
| 1278 | 10.7 | 10.6 | 3.1759 | 1.7104 | -0.0053 | 4.881 | -0.0272 | 0.1458 | 0.0075 | 0.1261 |
| 1279 | 10.6 | 10.6 | 3.1755 | 1.7103 | -0.0054 | 4.8804 | -0.0392 | 0.1616 | 0.012 | 0.1343 |
| 1280 | 10.9 | 10.7 | 3.1754 | 1.7095 | -0.0053 | 4.8796 | -0.0445 | 0.1772 | 0.0078 | 0.1405 |
| 1281 | 11.1 | 10.7 | 3.1746 | 1.7107 | -0.0048 | 4.8805 | -0.0062 | 0.1508 | 0.0022 | 0.1468 |
| 1282 | 11 | 10.7 | 3.1751 | 1.7113 | -0.0046 | 4.8818 | -0.0131 | 0.1492 | -0.0006 | 0.1356 |
| 1283 | 10.7 | 10.7 | 3.1768 | 1.7111 | -0.0046 | 4.8834 | -0.0303 | 0.1713 | 0.0022 | 0.1432 |
| 1284 | 11.2 | 10.7 | 3.1758 | 1.7123 | -0.0046 | 4.8835 | -0.0399 | 0.1773 | 0.0031 | 0.1405 |
| 1285 | 10.8 | 10.8 | 3.1758 | 1.7126 | -0.0048 | 4.8836 | -0.0552 | 0.1879 | 0.004 | 0.1367 |
| 1286 | 10.7 | 10.9 | 3.1771 | 1.7117 | -0.0051 | 4.8837 | -0.0602 | 0.1806 | 0.0004 | 0.1208 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1287 | 10.5 | 10.9 | 3.1773 | 1.711 | -0.0053 | 4.8829 | 0.0106 | 0.1184 | -0.0001 | 0.1289 |
| 1288 | 10.9 | 10.9 | 3.175 | 1.7126 | -0.0055 | 4.8821 | 0.0182 | 0.0986 | -0.0038 | 0.113 |
| 1289 | 11.1 | 10.9 | 3.1732 | 1.7138 | -0.0057 | 4.8813 | 0.0198 | 0.0909 | -0.0062 | 0.1046 |
| 1290 | 11.3 | 10.8 | 3.1729 | 1.7138 | -0.0058 | 4.8809 | 0.0223 | 0.0863 | -0.0069 | 0.1017 |
| 1291 | 10.6 | 10.8 | 3.1733 | 1.7124 | -0.0059 | 4.8798 | 0.0338 | 0.0782 | -0.004 | 0.108 |
| 1292 | 10.2 | 10.8 | 3.1734 | 1.7118 | -0.0059 | 4.8794 | 0.0709 | 0.0537 | -0.001 | 0.1236 |
| 1293 | 10.8 | 10.7 | 3.1736 | 1.7117 | -0.0058 | 4.8794 | 0.1177 | 0.0141 | -0.002 | 0.1298 |
| 1294 | 11.1 | 10.7 | 3.1745 | 1.711 | -0.0056 | 4.8799 | 0.1512 | -0.0424 | -0.002 | 0.1069 |
| 1295 | 11.6 | 10.6 | 3.1742 | 1.7115 | -0.0056 | 4.8802 | 0.2001 | -0.0827 | 0.0019 | 0.1193 |
| 1296 | 10.5 | 10.7 | 3.1746 | 1.7111 | -0.0056 | 4.8801 | 0.2507 | -0.1387 | 0.0051 | 0.1171 |
| 1297 | 10.8 | 10.7 | 3.1749 | 1.7104 | -0.0057 | 4.8796 | 0.3059 | -0.1835 | 0.0078 | 0.1302 |
| 1298 | 10.4 | 10.7 | 3.1753 | 1.7099 | -0.0058 | 4.8794 | 0.3152 | -0.168 | 0.0066 | 0.1538 |
| 1299 | 10.4 | 10.7 | 3.1757 | 1.7092 | -0.0057 | 4.8791 | 0.3148 | -0.167 | 0.0069 | 0.1547 |
| 1300 | 10.2 | 10.7 | 3.1759 | 1.7089 | -0.0055 | 4.8794 | 0.3032 | -0.1514 | 0.0107 | 0.1625 |
| 1301 | 10.5 | 10.7 | 3.1757 | 1.7095 | -0.0054 | 4.8797 | 0.2714 | -0.1161 | 0.0149 | 0.1702 |
| 1302 | 10.3 | 10.7 | 3.1756 | 1.7099 | -0.0056 | 4.88 | 0.286 | -0.1315 | 0.0172 | 0.1717 |
| 1303 | 9.79 | 10.6 | 3.1768 | 1.7084 | -0.0057 | 4.8795 | 0.3207 | -0.1617 | 0.0164 | 0.1754 |
| 1304 | 10.5 | 10.6 | 3.1765 | 1.7088 | -0.0056 | 4.8797 | 0.2905 | -0.1395 | 0.0107 | 0.1616 |
| 1305 | 11.3 | 10.5 | 3.1763 | 1.7097 | -0.0054 | 4.8805 | 0.2547 | -0.1049 | 0.006 | 0.1559 |
| 1306 | 11.8 | 10.5 | 3.1756 | 1.7098 | -0.0054 | 4.8799 | 0.1619 | -0.0133 | 0.0068 | 0.1555 |
| 1307 | 10.6 | 10.4 | 3.1765 | 1.7096 | -0.005 | 4.8812 | 0.1081 | 0.0303 | 0.0014 | 0.1398 |
| 1308 | 10.8 | 10.4 | 3.1784 | 1.7093 | -0.0049 | 4.8828 | 0.0421 | 0.0919 | 0 | 0.134 |
| 1309 | 11 | 10.4 | 3.1786 | 1.7099 | -0.0049 | 4.8836 | 0.0149 | 0.105 | -0.0037 | 0.1162 |
| 1310 | 10.7 | 10.5 | 3.1785 | 1.7114 | -0.0051 | 4.8847 | 0.0002 | 0.1248 | -0.0041 | 0.1209 |
| 1311 | 9.85 | 10.5 | 3.1789 | 1.7113 | -0.0053 | 4.8849 | -0.0224 | 0.129 | -0.0067 | 0.0999 |
| 1312 | 9.9 | 10.5 | 3.1784 | 1.7116 | -0.0054 | 4.8846 | -0.0139 | 0.1125 | -0.0044 | 0.0942 |
| 1313 | 10.3 | 10.6 | 3.1776 | 1.7121 | -0.0057 | 4.884 | 0.0278 | 0.0448 | -0.0001 | 0.0725 |
| 1314 | 10.2 | 10.6 | 3.1776 | 1.7115 | -0.006 | 4.8831 | 0.0811 | -0.0079 | 0.0046 | 0.0778 |
| 1315 | 9.87 | 10.6 | 3.178 | 1.7101 | -0.0061 | 4.882 | 0.0996 | -0.0248 | 0.0053 | 0.0801 |
| 1316 | 9.89 | 10.5 | 3.1778 | 1.7096 | -0.0061 | 4.8812 | 0.0728 | 0.0049 | 0.0048 | 0.0825 |
| 1317 | 10.3 | 10.5 | 3.1781 | 1.7077 | -0.0059 | 4.8799 | 0.0277 | 0.0408 | 0.0044 | 0.0729 |
| 1318 | 10.7 | 10.5 | 3.1806 | 1.7056 | -0.0058 | 4.8803 | 0.0069 | 0.0533 | 0.0041 | 0.0643 |
| 1319 | 11.1 | 10.5 | 3.1811 | 1.7052 | -0.0056 | 4.8806 | 0.0012 | 0.0733 | 0.0065 | 0.081 |
| 1320 | 10.7 | 10.4 | 3.1809 | 1.7049 | -0.0055 | 4.8802 | 0.037 | 0.0457 | 0.0088 | 0.0915 |
| 1321 | 10.5 | 10.5 | 3.179 | 1.7046 | -0.0051 | 4.8785 | 0.0029 | 0.0789 | 0.011 | 0.0928 |
| 1322 | 11.1 | 10.5 | 3.1798 | 1.7026 | -0.0046 | 4.8777 | -0.0066 | 0.0766 | 0.0101 | 0.0802 |
| 1323 | 10.9 | 10.5 | 3.1809 | 1.7008 | -0.0043 | 4.8774 | -0.0181 | 0.1022 | 0.0118 | 0.0959 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1324 | 10.9 | 10.5 | 3.1818 | 1.7007 | -0.0044 | 4.8781 | -0.0376 | 0.1309 | 0.01 | 0.1033 |
| 1325 | 10.5 | 10.6 | 3.1818 | 1.702 | -0.0047 | 4.879 | -0.0218 | 0.1214 | 0.0048 | 0.1044 |
| 1326 | 10.3 | 10.6 | 3.1835 | 1.7016 | -0.0048 | 4.8803 | -0.0271 | 0.1164 | 0.0003 | 0.0896 |
| 1327 | 10.6 | 10.6 | 3.1842 | 1.7017 | -0.0049 | 4.8811 | -0.0162 | 0.0927 | 0.0014 | 0.078 |
| 1328 | 10.6 | 10.5 | 3.1849 | 1.7011 | -0.0052 | 4.8808 | 0.0106 | 0.0614 | -0.0002 | 0.0719 |
| 1329 | 10.4 | 10.5 | 3.1854 | 1.7 | -0.0051 | 4.8803 | 0.0159 | 0.0528 | -0.0027 | 0.066 |
| 1330 | 10 | 10.5 | 3.1839 | 1.7008 | -0.0048 | 4.8798 | 0.0005 | 0.063 | -0.0044 | 0.0591 |
| 1331 | 10.9 | 10.5 | 3.1841 | 1.7003 | -0.0047 | 4.8797 | -0.0016 | 0.0568 | -0.0018 | 0.0533 |
| 1332 | 10.5 | 10.4 | 3.1812 | 1.7023 | -0.0048 | 4.8787 | 0.0319 | 0.0268 | 0.0036 | 0.0623 |
| 1333 | 10.4 | 10.3 | 3.1802 | 1.7037 | -0.0048 | 4.8791 | 0.0199 | 0.063 | 0.0014 | 0.0843 |
| 1334 | 10.5 | 10.3 | 3.1811 | 1.7024 | -0.005 | 4.8785 | 0.0163 | 0.0677 | -0.001 | 0.083 |
| 1335 | 10.3 | 10.3 | 3.1827 | 1.7011 | -0.0049 | 4.8789 | 0.0204 | 0.0609 | -0.0012 | 0.0801 |
| 1336 | 10 | 10.3 | 3.1789 | 1.7038 | -0.005 | 4.8777 | 0.0305 | 0.0514 | -0.0021 | 0.0798 |
| 1337 | 9.96 | 10.3 | 3.1786 | 1.7047 | -0.0049 | 4.8783 | 0.0477 | 0.024 | -0.0022 | 0.0695 |
| 1338 | 10.1 | 10.4 | 3.178 | 1.7054 | -0.0047 | 4.8787 | 0.0659 | 0 | -0.0017 | 0.0642 |
| 1339 | 10.4 | 10.5 | 3.176 | 1.707 | -0.0047 | 4.8783 | 0.0529 | 0.0093 | -0.0024 | 0.0598 |
| 1340 | 10.5 | 10.5 | 3.1743 | 1.708 | -0.0049 | 4.8774 | 0.0473 | 0.0112 | -0.0035 | 0.055 |
| 1341 | 10.1 | 10.6 | 3.1737 | 1.7077 | -0.0051 | 4.8763 | 0.0704 | -0.0011 | -0.0024 | 0.0669 |
| 1342 | 9.66 | 10.6 | 3.1739 | 1.7064 | -0.005 | 4.8753 | 0.0537 | 0.0139 | -0.0034 | 0.0642 |
| 1343 | 10.4 | 10.7 | 3.1741 | 1.707 | -0.0047 | 4.8764 | 0.0166 | 0.0549 | -0.004 | 0.0675 |
| 1344 | 10.7 | 10.7 | 3.176 | 1.7049 | -0.0047 | 4.8762 | 0.0321 | 0.0552 | -0.0015 | 0.0858 |
| 1345 | 9.88 | 10.8 | 3.1749 | 1.7071 | -0.0049 | 4.8771 | 0.0126 | 0.082 | -0.001 | 0.0936 |
| 1346 | 11.1 | 10.9 | 3.1746 | 1.7061 | -0.0051 | 4.8756 | 0.007 | 0.0989 | -0.001 | 0.1049 |
| 1347 | 11.5 | 10.9 | 3.176 | 1.7035 | -0.005 | 4.8745 | -0.0048 | 0.106 | -0.0042 | 0.0969 |
| 1348 | 11.5 | 11 | 3.1752 | 1.7045 | -0.0049 | 4.8748 | -0.0288 | 0.1141 | -0.0093 | 0.076 |
| 1349 | 11.6 | 11 | 3.1743 | 1.7049 | -0.0053 | 4.8739 | -0.0225 | 0.1019 | -0.0114 | 0.068 |
| 1350 | 11.4 | 11 | 3.1737 | 1.7051 | -0.0055 | 4.8732 | 0.0134 | 0.0663 | -0.0112 | 0.0686 |
| 1351 | 11.7 | 11 | 3.1731 | 1.7057 | -0.0057 | 4.8732 | 0.04 | 0.043 | -0.0062 | 0.0768 |
| 1352 | 11.6 | 11 | 3.1726 | 1.7062 | -0.0058 | 4.8731 | 0.0371 | 0.0415 | -0.0042 | 0.0744 |
| 1353 | 11.2 | 11 | 3.1743 | 1.7046 | -0.0057 | 4.8732 | 0.0415 | 0.0367 | -0.002 | 0.0762 |
| 1354 | 11.7 | 11 | 3.1734 | 1.7059 | -0.0054 | 4.8738 | 0.095 | -0.015 | 0.0007 | 0.0808 |
| 1355 | 11.5 | 11 | 3.1767 | 1.7027 | -0.0055 | 4.8739 | 0.131 | -0.044 | 0.0055 | 0.0925 |
| 1356 | 10.9 | 11 | 3.1769 | 1.7023 | -0.0053 | 4.8739 | 0.1195 | -0.0244 | 0.0087 | 0.1038 |
| 1357 | 11 | 10.9 | 3.178 | 1.7012 | -0.0053 | 4.8739 | 0.1161 | -0.0216 | 0.0107 | 0.1052 |
| 1358 | 10.3 | 10.9 | 3.1793 | 1.7007 | -0.0054 | 4.8745 | 0.0992 | 0.0152 | 0.015 | 0.1294 |
| 1359 | 10.8 | 10.8 | 3.1783 | 1.7007 | -0.005 | 4.8739 | 0.1222 | 0.0124 | 0.016 | 0.1506 |
| 1360 | 10.3 | 10.7 | 3.1785 | 1.7 | -0.0049 | 4.8736 | 0.1121 | 0.0308 | 0.0122 | 0.1551 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1361 | 10.1 | 10.6 | 3.1774 | 1.7007 | -0.005 | 4.8731 | 0.0951 | 0.0457 | 0.0051 | 0.1458 |
| 1362 | 10.4 | 10.5 | 3.1764 | 1.7025 | -0.0051 | 4.8738 | 0.0806 | 0.046 | -0.0009 | 0.1258 |
| 1363 | 10.3 | 10.5 | 3.1758 | 1.704 | -0.0053 | 4.8745 | 0.0694 | 0.0505 | -0.0064 | 0.1135 |
| 1364 | 10.3 | 10.3 | 3.176 | 1.7038 | -0.005 | 4.8748 | 0.0681 | 0.0369 | -0.0102 | 0.0948 |
| 1365 | 10.5 | 10.2 | 3.1763 | 1.7038 | -0.0047 | 4.8754 | 0.0639 | 0.0312 | -0.0151 | 0.0799 |
| 1366 | 10.7 | 10.2 | 3.1775 | 1.7037 | -0.0046 | 4.8765 | 0.0588 | 0.0241 | -0.0138 | 0.0691 |
| 1367 | 10 | 10.2 | 3.1771 | 1.7048 | -0.0048 | 4.8771 | 0.0468 | 0.0228 | -0.0101 | 0.0595 |
| 1368 | 9.89 | 10.2 | 3.1772 | 1.7047 | -0.005 | 4.877 | 0.0777 | -0.0227 | -0.0067 | 0.0483 |
| 1369 | 9.79 | 10.1 | 3.1742 | 1.7069 | -0.0051 | 4.8759 | 0.1125 | -0.0533 | -0.0035 | 0.0557 |
| 1370 | 9.92 | 10.1 | 3.1756 | 1.7055 | -0.0055 | 4.8757 | 0.0981 | -0.0479 | -0.0002 | 0.0499 |
| 1371 | 9.97 | 10.2 | 3.1772 | 1.7054 | -0.0052 | 4.8774 | 0.0907 | -0.0374 | 0.003 | 0.0563 |
| 1372 | 10.2 | 10.2 | 3.1775 | 1.7039 | -0.0055 | 4.8759 | 0.0507 | -0.0217 | 0.0107 | 0.0397 |
| 1373 | 9.58 | 10.2 | 3.1768 | 1.7033 | -0.0055 | 4.8746 | 0.0588 | -0.0159 | 0.0198 | 0.0626 |
| 1374 | 9.4 | 10.3 | 3.1752 | 1.7039 | -0.0052 | 4.8739 | 0.0775 | -0.0341 | 0.0232 | 0.0667 |
| 1375 | 9.98 | 10.4 | 3.1759 | 1.7033 | -0.005 | 4.8743 | 0.0957 | -0.031 | 0.0229 | 0.0876 |
| 1376 | 10.7 | 10.4 | 3.1759 | 1.7037 | -0.0052 | 4.8744 | 0.0993 | -0.0138 | 0.0191 | 0.1046 |
| 1377 | 10.1 | 10.4 | 3.1745 | 1.705 | -0.0051 | 4.8744 | 0.1273 | -0.0305 | 0.0156 | 0.1124 |
| 1378 | 9.81 | 10.5 | 3.1743 | 1.7051 | -0.0051 | 4.8744 | 0.1443 | -0.0296 | 0.0149 | 0.1295 |
| 1379 | 10.7 | 10.5 | 3.1754 | 1.704 | -0.005 | 4.8745 | 0.1491 | -0.0285 | 0.0128 | 0.1334 |
| 1380 | 11.1 | 10.6 | 3.1755 | 1.7038 | -0.0051 | 4.8742 | 0.1553 | -0.0353 | 0.013 | 0.133 |
| 1381 | 10.8 | 10.6 | 3.1714 | 1.7081 | -0.0052 | 4.8742 | 0.1538 | -0.0381 | 0.0111 | 0.1267 |
| 1382 | 11.3 | 10.6 | 3.1731 | 1.705 | -0.0047 | 4.8734 | 0.1235 | -0.0063 | 0.0093 | 0.1265 |
| 1383 | 11.4 | 10.6 | 3.1752 | 1.7044 | -0.0045 | 4.8751 | 0.0671 | 0.0315 | 0.0063 | 0.1049 |
| 1384 | 11.4 | 10.7 | 3.1737 | 1.7062 | -0.0045 | 4.8754 | 0.0677 | 0.0301 | 0.004 | 0.1018 |
| 1385 | 10.8 | 10.7 | 3.1728 | 1.7074 | -0.0046 | 4.8756 | 0.0737 | 0.0243 | -0.0007 | 0.0973 |
| 1386 | 10.9 | 10.7 | 3.1723 | 1.7093 | -0.0049 | 4.8767 | 0.0847 | 0.0069 | 0.0029 | 0.0945 |
| 1387 | 11.1 | 10.7 | 3.1707 | 1.711 | -0.0052 | 4.8765 | 0.0187 | 0.0498 | 0.0028 | 0.0713 |
| 1388 | 10.7 | 10.8 | 3.1698 | 1.7117 | -0.0053 | 4.8762 | -0.0209 | 0.0916 | 0.0028 | 0.0735 |
| 1389 | 10.9 | 10.7 | 3.1685 | 1.7126 | -0.0053 | 4.8758 | -0.0429 | 0.1091 | 0.0039 | 0.0701 |
| 1390 | 10.2 | 10.7 | 3.1658 | 1.7139 | -0.0055 | 4.8742 | -0.0601 | 0.1172 | 0.0015 | 0.0586 |
| 1391 | 10.2 | 10.6 | 3.1679 | 1.7111 | -0.0055 | 4.8734 | -0.0794 | 0.1279 | -0.0002 | 0.0483 |
| 1392 | 10.5 | 10.6 | 3.1718 | 1.7063 | -0.0055 | 4.8726 | -0.0685 | 0.109 | -0.0002 | 0.0402 |
| 1393 | 10.6 | 10.5 | 3.1704 | 1.7062 | -0.0057 | 4.8709 | -0.0434 | 0.0809 | 0.0029 | 0.0404 |
| 1394 | 10.2 | 10.5 | 3.1733 | 1.7028 | -0.0055 | 4.8706 | -0.0151 | 0.0593 | 0.0081 | 0.0523 |
| 1395 | 11.2 | 10.5 | 3.1735 | 1.7017 | -0.0055 | 4.8697 | -0.0006 | 0.0408 | 0.0123 | 0.0525 |
| 1396 | 10.5 | 10.5 | 3.1751 | 1.7005 | -0.0052 | 4.8704 | -0.0133 | 0.0863 | 0.0127 | 0.0857 |
| 1397 | 10.2 | 10.4 | 3.1778 | 1.699 | -0.0048 | 4.872 | -0.0494 | 0.0969 | 0.0073 | 0.0547 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1398 | 10.1 | 10.3 | 3.1775 | 1.6997 | -0.0047 | 4.8726 | -0.0325 | 0.0737 | 0.0063 | 0.0476 |
| 1399 | 9.84 | 10.3 | 3.1743 | 1.7025 | -0.0046 | 4.8723 | -0.0066 | 0.0575 | 0.0049 | 0.0557 |
| 1400 | 10.4 | 10.3 | 3.1719 | 1.7046 | -0.0048 | 4.8717 | -0.0135 | 0.0574 | 0.0007 | 0.0446 |
| 1401 | 10.1 | 10.3 | 3.172 | 1.7054 | -0.005 | 4.8723 | -0.0243 | 0.0623 | 0.0026 | 0.0406 |
| 1402 | 10.1 | 10.3 | 3.1714 | 1.7062 | -0.0054 | 4.8723 | -0.0251 | 0.0691 | 0.0007 | 0.0447 |
| 1403 | 10.6 | 10.3 | 3.1673 | 1.7099 | -0.0057 | 4.8715 | -0.0186 | 0.0709 | -0.002 | 0.0502 |
| 1404 | 10.7 | 10.4 | 3.1634 | 1.7132 | -0.0062 | 4.8704 | -0.027 | 0.0755 | -0.0026 | 0.0459 |
| 1405 | 10.6 | 10.3 | 3.1643 | 1.7121 | -0.0063 | 4.8701 | -0.0453 | 0.0991 | -0.0009 | 0.0529 |
| 1406 | 10.1 | 10.3 | 3.1639 | 1.7119 | -0.0065 | 4.8694 | -0.0145 | 0.0788 | -0.0028 | 0.0615 |
| 1407 | 9.62 | 10.3 | 3.1666 | 1.7081 | -0.0065 | 4.8682 | -0.0085 | 0.0815 | -0.0015 | 0.0714 |
| 1408 | 9.41 | 10.3 | 3.1662 | 1.708 | -0.0065 | 4.8678 | -0.0347 | 0.1066 | -0.0026 | 0.0693 |
| 1409 | 10.8 | 10.3 | 3.1674 | 1.7068 | -0.0062 | 4.8681 | -0.0687 | 0.1473 | -0.0074 | 0.0712 |
| 1410 | 10.5 | 10.3 | 3.1689 | 1.7068 | -0.0056 | 4.8701 | -0.0854 | 0.1531 | -0.0039 | 0.0638 |
| 1411 | 10.6 | 10.3 | 3.1709 | 1.7067 | -0.0052 | 4.8724 | -0.0604 | 0.1249 | -0.0051 | 0.0593 |
| 1412 | 10.9 | 10.3 | 3.1715 | 1.7066 | -0.0048 | 4.8732 | -0.071 | 0.129 | -0.0049 | 0.0531 |
| 1413 | 10.7 | 10.3 | 3.1708 | 1.7084 | -0.0047 | 4.8745 | -0.0726 | 0.1347 | -0.0058 | 0.0563 |
| 1414 | 10.5 | 10.3 | 3.1713 | 1.7083 | -0.0045 | 4.8751 | -0.0836 | 0.1438 | -0.0095 | 0.0506 |
| 1415 | 10.3 | 10.3 | 3.1721 | 1.7077 | -0.0047 | 4.8751 | -0.041 | 0.0985 | -0.0093 | 0.0483 |
| 1416 | 10.5 | 10.4 | 3.1731 | 1.7073 | -0.0051 | 4.8753 | 0.0261 | 0.0242 | -0.0106 | 0.0397 |
| 1417 | 10.2 | 10.5 | 3.1703 | 1.71 | -0.0053 | 4.875 | 0.0431 | 0.0063 | -0.0099 | 0.0394 |
| 1418 | 10 | 10.6 | 3.1693 | 1.7109 | -0.0055 | 4.8748 | 0.0137 | 0.0462 | -0.0113 | 0.0486 |
| 1419 | 9.95 | 10.6 | 3.1713 | 1.71 | -0.0056 | 4.8756 | -0.0071 | 0.0661 | -0.0115 | 0.0475 |
| 1420 | 10 | 10.6 | 3.1718 | 1.7086 | -0.0058 | 4.8746 | -0.0163 | 0.0701 | -0.0142 | 0.0396 |
| 1421 | 10.3 | 10.6 | 3.1739 | 1.7068 | -0.0062 | 4.8745 | 0.0357 | 0.0241 | -0.0156 | 0.0441 |
| 1422 | 9.96 | 10.6 | 3.1739 | 1.7042 | -0.0066 | 4.8715 | 0.0971 | 0.0152 | -0.0094 | 0.1028 |
| 1423 | 10.9 | 10.6 | 3.1731 | 1.7042 | -0.0066 | 4.8707 | 0.1438 | -0.0676 | -0.009 | 0.0672 |
| 1424 | 10.9 | 10.6 | 3.1722 | 1.7038 | -0.0067 | 4.8693 | 0.1255 | -0.0623 | -0.0074 | 0.0558 |
| 1425 | 11 | 10.6 | 3.1718 | 1.7033 | -0.0067 | 4.8685 | 0.1256 | -0.0725 | -0.0028 | 0.0503 |
| 1426 | 11.4 | 10.6 | 3.1708 | 1.7046 | -0.0064 | 4.869 | 0.1334 | -0.0849 | -0.0008 | 0.0477 |
| 1427 | 11.2 | 10.6 | 3.1698 | 1.7047 | -0.0064 | 4.8681 | 0.1517 | -0.1053 | -0.0016 | 0.0448 |
| 1428 | 11 | 10.6 | 3.17 | 1.7039 | -0.0065 | 4.8675 | 0.168 | -0.114 | 0.0024 | 0.0564 |
| 1429 | 10.9 | 10.6 | 3.1698 | 1.7035 | -0.0064 | 4.867 | 0.1499 | -0.0938 | 0.0053 | 0.0615 |
| 1430 | 11 | 10.6 | 3.1685 | 1.7046 | -0.0059 | 4.8671 | 0.1262 | -0.081 | 0.0085 | 0.0537 |
| 1431 | 11 | 10.5 | 3.1717 | 1.7009 | -0.0056 | 4.867 | 0.0884 | -0.0355 | 0.0071 | 0.0599 |
| 1432 | 11 | 10.5 | 3.1744 | 1.6992 | -0.0054 | 4.8682 | 0.03 | 0.0255 | 0.0053 | 0.0608 |
| 1433 | 9.87 | 10.5 | 3.1735 | 1.7007 | -0.0052 | 4.8689 | 0.057 | -0.0193 | 0.0104 | 0.0481 |
| 1434 | 10.6 | 10.5 | 3.1737 | 1.7 | -0.0049 | 4.8688 | 0.0989 | -0.0461 | 0.0113 | 0.064 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1435 | 10.5 | 10.4 | 3.1743 | 1.7004 | -0.0052 | 4.8695 | 0.0853 | -0.0283 | 0.0128 | 0.0698 |
| 1436 | 9.53 | 10.4 | 3.1771 | 1.6988 | -0.0053 | 4.8706 | 0.042 | 0.0197 | 0.0107 | 0.0724 |
| 1437 | 9.74 | 10.4 | 3.1806 | 1.6955 | -0.0052 | 4.871 | 0.0605 | 0.0095 | 0.0093 | 0.0794 |
| 1438 | 10 | 10.4 | 3.1823 | 1.6945 | -0.0051 | 4.8717 | 0.0697 | 0.0073 | 0.007 | 0.084 |
| 1439 | 10 | 10.4 | 3.182 | 1.6953 | -0.0049 | 4.8725 | 0.0507 | 0.0223 | 0.0047 | 0.0776 |
| 1440 | 9.6 | 10.4 | 3.1822 | 1.6952 | -0.0049 | 4.8726 | -0.0018 | 0.078 | 0.0053 | 0.0814 |
| 1441 | 10 | 10.4 | 3.1806 | 1.6969 | -0.0051 | 4.8723 | -0.0667 | 0.138 | 0.0023 | 0.0736 |
| 1442 | 10.3 | 10.4 | 3.1783 | 1.6983 | -0.0053 | 4.8712 | -0.0394 | 0.0945 | -0.0021 | 0.053 |
| 1443 | 10.5 | 10.4 | 3.1756 | 1.7011 | -0.0055 | 4.8711 | 0.0246 | 0.019 | -0.0087 | 0.0349 |
| 1444 | 10.2 | 10.4 | 3.176 | 1.7008 | -0.0059 | 4.8709 | 0.008 | 0.0141 | -0.0171 | 0.0051 |
| 1445 | 10.5 | 10.3 | 3.1762 | 1.6985 | -0.0062 | 4.8685 | 0.0356 | -0.0232 | -0.0199 | -0.0075 |
| 1446 | 11.4 | 10.3 | 3.1796 | 1.6964 | -0.0058 | 4.8702 | 0.0776 | -0.084 | -0.0218 | -0.0282 |
| 1447 | 11.6 | 10.3 | 3.1792 | 1.6961 | -0.0056 | 4.8697 | 0.1387 | -0.1329 | -0.018 | -0.0121 |
| 1448 | 10.3 | 10.3 | 3.1759 | 1.6987 | -0.0054 | 4.8692 | 0.1571 | -0.144 | -0.012 | 0.0012 |
| 1449 | 10.6 | 10.3 | 3.1757 | 1.6991 | -0.0053 | 4.8695 | 0.1172 | -0.1048 | -0.0105 | 0.0019 |
| 1450 | 11 | 10.3 | 3.1761 | 1.6988 | -0.0058 | 4.8692 | 0.1133 | -0.1058 | -0.0066 | 0.0009 |
| 1451 | 10.9 | 10.4 | 3.1757 | 1.6988 | -0.0057 | 4.8687 | 0.1229 | -0.1218 | -0.007 | -0.006 |
| 1452 | 10.3 | 10.4 | 3.1745 | 1.6991 | -0.0056 | 4.8681 | 0.1056 | -0.0935 | -0.0063 | 0.0058 |
| 1453 | 10.2 | 10.4 | 3.177 | 1.697 | -0.0054 | 4.8686 | 0.0902 | -0.063 | -0.0062 | 0.021 |
| 1454 | 9.8 | 10.4 | 3.1779 | 1.6959 | -0.0054 | 4.8685 | 0.0254 | 0.008 | -0.0074 | 0.026 |
| 1455 | 9.53 | 10.4 | 3.1781 | 1.6948 | -0.0052 | 4.8677 | -0.0242 | 0.0519 | -0.006 | 0.0218 |
| 1456 | 9.46 | 10.3 | 3.1777 | 1.6942 | -0.0052 | 4.8667 | -0.0495 | 0.0619 | -0.0035 | 0.0089 |
| 1457 | 9.38 | 10.2 | 3.1815 | 1.6905 | -0.005 | 4.867 | -0.0942 | 0.1026 | -0.0034 | 0.0049 |
| 1458 | 9.92 | 10.3 | 3.1861 | 1.6859 | -0.0046 | 4.8674 | -0.0828 | 0.0912 | -0.0023 | 0.0061 |
| 1459 | 10.3 | 10.3 | 3.1868 | 1.6854 | -0.0046 | 4.8675 | -0.087 | 0.0903 | -0.0044 | -0.001 |
| 1460 | 10.4 | 10.3 | 3.1845 | 1.6876 | -0.0044 | 4.8677 | -0.0396 | 0.0568 | -0.0059 | 0.0113 |
| 1461 | 10.9 | 10.2 | 3.1845 | 1.6878 | -0.0045 | 4.8678 | -0.0015 | 0.0247 | -0.0032 | 0.0201 |
| 1462 | 10.6 | 10.1 | 3.1837 | 1.689 | -0.0045 | 4.8681 | 0.0492 | -0.0273 | -0.0008 | 0.0211 |
| 1463 | 10.2 | 10.1 | 3.1841 | 1.6897 | -0.0043 | 4.8695 | 0.0608 | -0.0367 | 0.0004 | 0.0245 |
| 1464 | 10.1 | 10.1 | 3.1801 | 1.694 | -0.0041 | 4.8699 | -0.0075 | 0.0435 | -0.0034 | 0.0326 |
| 1465 | 10.2 | 10.1 | 3.1737 | 1.7014 | -0.0037 | 4.8714 | -0.0074 | 0.0391 | -0.0035 | 0.0283 |
| 1466 | 10.6 | 10.2 | 3.1731 | 1.703 | -0.0036 | 4.8726 | 0.0035 | 0.0264 | -0.0032 | 0.0267 |
| 1467 | 11 | 10.2 | 3.1757 | 1.7002 | -0.0037 | 4.8722 | -0.0019 | 0.0367 | -0.0032 | 0.0316 |
| 1468 | 10.6 | 10.3 | 3.178 | 1.6981 | -0.0038 | 4.8722 | -0.0249 | 0.043 | -0.0017 | 0.0164 |
| 1469 | 10.4 | 10.3 | 3.1758 | 1.6999 | -0.0037 | 4.872 | -0.0081 | 0.0178 | -0.0015 | 0.0083 |
| 1470 | 9.57 | 10.4 | 3.1721 | 1.7031 | -0.0039 | 4.8713 | 0.0776 | -0.0409 | -0.0006 | 0.0362 |
| 1471 | 9.27 | 10.4 | 3.1675 | 1.7038 | -0.0043 | 4.8671 | 0.1035 | -0.0707 | -0.0027 | 0.0301 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1472 | 9.4 | 10.4 | 3.1631 | 1.7106 | -0.0046 | 4.8691 | 0.1634 | -0.1253 | -0.0072 | 0.031 |
| 1473 | 9.9 | 10.5 | 3.1643 | 1.7095 | -0.0047 | 4.869 | 0.1705 | -0.161 | -0.011 | -0.0015 |
| 1474 | 9.93 | 10.6 | 3.1626 | 1.7112 | -0.0049 | 4.8689 | 0.1434 | -0.1434 | -0.0093 | -0.0093 |
| 1475 | 10.7 | 10.7 | 3.1626 | 1.7118 | -0.0049 | 4.8695 | 0.143 | -0.1564 | -0.0093 | -0.0227 |
| 1476 | 10.7 | 10.7 | 3.1607 | 1.7143 | -0.005 | 4.8699 | 0.1378 | -0.166 | -0.0077 | -0.0359 |
| 1477 | 10.5 | 10.7 | 3.1577 | 1.7164 | -0.0054 | 4.8688 | 0.1295 | -0.1339 | -0.0054 | -0.0098 |
| 1478 | 11.2 | 10.7 | 3.1593 | 1.7145 | -0.0056 | 4.8682 | 0.1445 | -0.1448 | -0.0042 | -0.0045 |
| 1479 | 11.5 | 10.8 | 3.1628 | 1.7121 | -0.0058 | 4.8691 | 0.144 | -0.1502 | -0.0042 | -0.0105 |
| 1480 | 11.5 | 10.8 | 3.1667 | 1.7074 | -0.0058 | 4.8683 | 0.1582 | -0.1785 | -0.0022 | -0.0226 |
| 1481 | 11.2 | 10.9 | 3.1684 | 1.7055 | -0.0057 | 4.8682 | 0.1423 | -0.1668 | 0.0011 | -0.0234 |
| 1482 | 11.5 | 11 | 3.1674 | 1.707 | -0.0058 | 4.8686 | 0.1495 | -0.1687 | 0.002 | -0.0172 |
| 1483 | 11.6 | 11 | 3.1653 | 1.709 | -0.0056 | 4.8687 | 0.1376 | -0.1211 | 0.0031 | 0.0196 |
| 1484 | 11.5 | 11 | 3.1652 | 1.7091 | -0.0058 | 4.8685 | 0.0542 | -0.0554 | 0.0041 | 0.0029 |
| 1485 | 11.4 | 11 | 3.1686 | 1.7055 | -0.0057 | 4.8684 | 0.0113 | -0.0303 | 0.0069 | -0.0121 |
| 1486 | 11.3 | 10.9 | 3.1663 | 1.7083 | -0.0058 | 4.8688 | 0.0042 | -0.0166 | 0.0048 | -0.0075 |
| 1487 | 11.2 | 10.9 | 3.1637 | 1.7102 | -0.0059 | 4.8681 | 0.0408 | -0.0363 | 0.0052 | 0.0097 |
| 1488 | 10.8 | 10.8 | 3.1647 | 1.7094 | -0.0057 | 4.8684 | 0.0841 | -0.1092 | 0.0062 | -0.019 |
| 1489 | 10.9 | 10.7 | 3.1686 | 1.7048 | -0.0058 | 4.8676 | 0.1734 | -0.1695 | 0.0093 | 0.0132 |
| 1490 | 10.3 | 10.7 | 3.1725 | 1.7001 | -0.0057 | 4.8669 | 0.1963 | -0.1817 | 0.0132 | 0.0278 |
| 1491 | 10.5 | 10.6 | 3.1718 | 1.7016 | -0.0053 | 4.8681 | 0.2083 | -0.1941 | 0.0153 | 0.0294 |
| 1492 | 10.6 | 10.5 | 3.1693 | 1.7044 | -0.0046 | 4.8691 | 0.1943 | -0.1684 | 0.0142 | 0.0401 |
| 1493 | 10.3 | 10.4 | 3.1696 | 1.7047 | -0.004 | 4.8704 | 0.141 | -0.1185 | 0.0132 | 0.0357 |
| 1494 | 10.3 | 10.3 | 3.1697 | 1.7051 | -0.0035 | 4.8713 | 0.0626 | -0.0364 | 0.0126 | 0.0388 |
| 1495 | 9.68 | 10.2 | 3.1657 | 1.7101 | -0.0033 | 4.8725 | 0.0317 | 0.004 | 0.0097 | 0.0454 |
| 1496 | 9.61 | 10.1 | 3.1612 | 1.7138 | -0.0034 | 4.8716 | 0.0487 | -0.0172 | 0.0079 | 0.0394 |
| 1497 | 9.57 | 10.1 | 3.162 | 1.7134 | -0.0036 | 4.8718 | 0.0833 | -0.0443 | 0.0087 | 0.0477 |
| 1498 | 10 | 10.1 | 3.1658 | 1.7102 | -0.0036 | 4.8724 | 0.0853 | -0.0539 | 0.0092 | 0.0406 |
| 1499 | 10.1 | 10 | 3.163 | 1.7131 | -0.0039 | 4.8722 | 0.087 | -0.057 | 0.0103 | 0.0403 |
| 1500 | 9.35 | 10.1 | 3.1596 | 1.7168 | -0.0041 | 4.8723 | 0.1393 | -0.1161 | 0.0138 | 0.037 |
| 1501 | 9.69 | 10.1 | 3.1614 | 1.7147 | -0.0044 | 4.8717 | 0.1732 | -0.1561 | 0.0073 | 0.0244 |
| 1502 | 9.9 | 10.2 | 3.1624 | 1.7125 | -0.0047 | 4.8702 | 0.1659 | -0.1529 | 0.0103 | 0.0233 |
| 1503 | 9.74 | 10.2 | 3.1648 | 1.7091 | -0.005 | 4.8689 | 0.0977 | -0.095 | 0.0102 | 0.0129 |
| 1504 | 9.64 | 10.2 | 3.1658 | 1.708 | -0.0056 | 4.8682 | 0.0893 | -0.0914 | 0.0107 | 0.0086 |
| 1505 | 10.3 | 10.2 | 3.1693 | 1.7059 | -0.006 | 4.8692 | 0.0984 | -0.0981 | 0.0092 | 0.0094 |
| 1506 | 10.3 | 10.3 | 3.1734 | 1.7016 | -0.0061 | 4.8689 | 0.1026 | -0.1061 | 0.009 | 0.0055 |
| 1507 | 10.5 | 10.3 | 3.1749 | 1.699 | -0.0063 | 4.8676 | 0.0846 | -0.0936 | 0.0093 | 0.0003 |
| 1508 | 10.4 | 10.4 | 3.1749 | 1.699 | -0.0061 | 4.8679 | 0.1128 | -0.1218 | 0.0112 | 0.0023 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1509 | 10.5 | 10.4 | 3.1714 | 1.7012 | -0.0056 | 4.867 | 0.1671 | -0.1767 | 0.0148 | 0.0052 |
| 1510 | 11.6 | 10.5 | 3.1691 | 1.7043 | -0.0053 | 4.8681 | 0.1586 | -0.1764 | 0.0158 | -0.002 |
| 1511 | 11.4 | 10.5 | 3.166 | 1.7094 | -0.0051 | 4.8703 | 0.1433 | -0.1764 | 0.0188 | -0.0143 |
| 1512 | 10.7 | 10.6 | 3.1654 | 1.7102 | -0.0048 | 4.8708 | 0.1797 | -0.2088 | 0.0169 | -0.0122 |
| 1513 | 10.4 | 10.6 | 3.1716 | 1.704 | -0.0043 | 4.8713 | 0.1465 | -0.1714 | 0.0187 | -0.0062 |
| 1514 | 10.7 | 10.6 | 3.172 | 1.7044 | -0.0042 | 4.8723 | 0.1363 | -0.1469 | 0.0209 | 0.0104 |
| 1515 | 10.6 | 10.7 | 3.1718 | 1.7051 | -0.0044 | 4.8724 | 0.0782 | -0.0834 | 0.0221 | 0.0169 |
| 1516 | 10.6 | 10.7 | 3.1733 | 1.7036 | -0.0048 | 4.8721 | -0.0232 | 0.0328 | 0.0266 | 0.0362 |
| 1517 | 10.6 | 10.7 | 3.1728 | 1.7057 | -0.0051 | 4.8734 | -0.0351 | 0.0566 | 0.0242 | 0.0457 |
| 1518 | 10.5 | 10.8 | 3.1701 | 1.7091 | -0.0053 | 4.8739 | -0.03 | 0.0489 | 0.0233 | 0.0421 |
| 1519 | 10.7 | 10.7 | 3.1635 | 1.714 | -0.0055 | 4.872 | -0.023 | 0.0406 | 0.0246 | 0.0422 |
| 1520 | 10.6 | 10.6 | 3.1614 | 1.7157 | -0.0055 | 4.8716 | -0.0062 | 0.0152 | 0.0267 | 0.0357 |
| 1521 | 10.7 | 10.6 | 3.1576 | 1.7193 | -0.0055 | 4.8714 | -0.012 | 0.0164 | 0.023 | 0.0274 |
| 1522 | 10.6 | 10.5 | 3.1569 | 1.7203 | -0.0055 | 4.8716 | -0.0219 | -0.0118 | 0.0171 | -0.0166 |
| 1523 | 10.3 | 10.5 | 3.1588 | 1.7185 | -0.0057 | 4.8717 | -0.1124 | 0.1016 | 0.013 | 0.0022 |
| 1524 | 10.9 | 10.5 | 3.1579 | 1.7195 | -0.0058 | 4.8716 | -0.1468 | 0.1375 | 0.0118 | 0.0026 |
| 1525 | 10.7 | 10.4 | 3.1581 | 1.7199 | -0.0059 | 4.8721 | -0.1025 | 0.0979 | 0.0109 | 0.0063 |
| 1526 | 11.6 | 10.4 | 3.1578 | 1.718 | -0.0058 | 4.87 | -0.0964 | 0.094 | 0.0091 | 0.0067 |
| 1527 | 10.5 | 10.4 | 3.1553 | 1.7191 | -0.0059 | 4.8686 | -0.172 | 0.1815 | 0.0128 | 0.0223 |
| 1528 | 10.1 | 10.3 | 3.1556 | 1.7189 | -0.006 | 4.8686 | -0.1969 | 0.203 | 0.0107 | 0.0169 |
| 1529 | 10.1 | 10.3 | 3.154 | 1.7214 | -0.0061 | 4.8692 | -0.1643 | 0.1703 | 0.0113 | 0.0173 |
| 1530 | 10 | 10.3 | 3.1542 | 1.7213 | -0.006 | 4.8695 | -0.1357 | 0.1586 | 0.0099 | 0.0327 |
| 1531 | 10.1 | 10.3 | 3.1568 | 1.7178 | -0.0058 | 4.8687 | -0.1022 | 0.1179 | 0.0092 | 0.0249 |
| 1532 | 10 | 10.3 | 3.1607 | 1.7113 | -0.0057 | 4.8662 | -0.0696 | 0.082 | 0.0087 | 0.0212 |
| 1533 | 9.98 | 10.3 | 3.168 | 1.7062 | -0.0056 | 4.8686 | -0.0271 | 0.0471 | 0.0078 | 0.0278 |
| 1534 | 9.43 | 10.3 | 3.1726 | 1.703 | -0.0056 | 4.87 | -0.0164 | 0.0255 | 0.0097 | 0.0188 |
| 1535 | 10.1 | 10.3 | 3.1739 | 1.7021 | -0.0057 | 4.8702 | -0.0212 | 0.0338 | 0.0096 | 0.0222 |
| 1536 | 10.1 | 10.2 | 3.173 | 1.7024 | -0.0058 | 4.8696 | 0.0257 | -0.0073 | 0.011 | 0.0294 |
| 1537 | 9.88 | 10.2 | 3.1722 | 1.7064 | -0.0058 | 4.8729 | -0.0024 | 0.0251 | 0.0099 | 0.0325 |
| 1538 | 10.6 | 10.2 | 3.1649 | 1.7114 | -0.006 | 4.8704 | -0.07 | 0.0745 | 0.0093 | 0.0138 |
| 1539 | 10.6 | 10.2 | 3.1624 | 1.7135 | -0.0062 | 4.8697 | -0.1436 | 0.1635 | 0.0067 | 0.0266 |
| 1540 | 10.4 | 10.2 | 3.1614 | 1.7146 | -0.0064 | 4.8696 | -0.1588 | 0.1751 | 0.003 | 0.0192 |
| 1541 | 10.7 | 10.2 | 3.1611 | 1.7137 | -0.0065 | 4.8683 | -0.1482 | 0.1576 | -0.0011 | 0.0083 |
| 1542 | 10.4 | 10.3 | 3.1642 | 1.7101 | -0.0066 | 4.8677 | -0.1763 | 0.1993 | 0.0048 | 0.0279 |
| 1543 | 10.4 | 10.3 | 3.1693 | 1.7047 | -0.0068 | 4.8672 | -0.2083 | 0.2274 | 0.0121 | 0.0312 |
| 1544 | 10.3 | 10.3 | 3.1729 | 1.7004 | -0.0069 | 4.8664 | -0.2439 | 0.2709 | 0.0186 | 0.0456 |
| 1545 | 10 | 10.3 | 3.1713 | 1.7002 | -0.007 | 4.8646 | -0.2589 | 0.2881 | 0.0212 | 0.0505 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1546 | 9.63 | 10.3 | 3.1712 | 1.7008 | -0.0067 | 4.8654 | -0.3278 | 0.3616 | 0.0228 | 0.0566 |
| 1547 | 10.7 | 10.2 | 3.1707 | 1.7015 | -0.0065 | 4.8657 | -0.3992 | 0.4238 | 0.0196 | 0.0442 |
| 1548 | 10.2 | 10.2 | 3.1672 | 1.7044 | -0.0064 | 4.8652 | -0.4291 | 0.455 | 0.0154 | 0.0413 |
| 1549 | 10.2 | 10.2 | 3.1617 | 1.7107 | -0.0067 | 4.8658 | -0.4254 | 0.4516 | 0.0149 | 0.0412 |
| 1550 | 10.8 | 10.2 | 3.1588 | 1.7144 | -0.0065 | 4.8667 | -0.4936 | 0.5216 | 0.0101 | 0.0381 |
| 1551 | 10.5 | 10.2 | 3.1591 | 1.714 | -0.0068 | 4.8664 | -0.5895 | 0.6305 | 0.0076 | 0.0486 |
| 1552 | 9.97 | 10.2 | 3.1647 | 1.7086 | -0.0066 | 4.8668 | -0.5691 | 0.5889 | 0.004 | 0.0238 |
| 1553 | 9.71 | 10.2 | 3.168 | 1.7062 | -0.0065 | 4.8677 | -0.6466 | 0.6567 | -0.0003 | 0.0099 |
| 1554 | 10 | 10.2 | 3.1681 | 1.7058 | -0.0063 | 4.8676 | -0.6389 | 0.6363 | -0.0031 | -0.0057 |
| 1555 | 9.76 | 10.2 | 3.1678 | 1.7054 | -0.0061 | 4.8672 | -0.6604 | 0.6481 | -0.01 | -0.0224 |
| 1556 | 9.77 | 10.3 | 3.1693 | 1.7035 | -0.0061 | 4.8667 | -0.6173 | 0.6215 | -0.0145 | -0.0103 |
| 1557 | 9.98 | 10.2 | 3.1702 | 1.7027 | -0.0062 | 4.8668 | -0.5927 | 0.5904 | -0.0159 | -0.0181 |
| 1558 | 10.2 | 10.2 | 3.1694 | 1.7036 | -0.0061 | 4.8669 | -0.5472 | 0.5334 | -0.0158 | -0.0296 |
| 1559 | 10.9 | 10.2 | 3.1709 | 1.703 | -0.0062 | 4.8677 | -0.4877 | 0.4806 | -0.0121 | -0.0192 |
| 1560 | 10.3 | 10.2 | 3.1702 | 1.7052 | -0.0063 | 4.8691 | -0.4795 | 0.4663 | -0.0054 | -0.0185 |
| 1561 | 10.5 | 10.2 | 3.1665 | 1.7087 | -0.0062 | 4.869 | -0.4322 | 0.4266 | 0 | -0.0057 |
| 1562 | 10 | 10.2 | 3.169 | 1.7061 | -0.0064 | 4.8687 | -0.4135 | 0.4293 | 0.0031 | 0.019 |
| 1563 | 10.5 | 10.3 | 3.1705 | 1.7043 | -0.0064 | 4.8684 | -0.3224 | 0.3413 | 0.0064 | 0.0254 |
| 1564 | 10.4 | 10.3 | 3.1723 | 1.7023 | -0.0063 | 4.8682 | -0.2338 | 0.2542 | 0.0125 | 0.0329 |
| 1565 | 10.5 | 10.3 | 3.1761 | 1.6981 | -0.0063 | 4.8678 | -0.1451 | 0.1747 | 0.0165 | 0.0461 |
| 1566 | 9.91 | 10.3 | 3.1767 | 1.6974 | -0.006 | 4.868 | -0.0385 | 0.0711 | 0.0129 | 0.0455 |
| 1567 | 10.5 | 10.4 | 3.1787 | 1.6953 | -0.006 | 4.868 | 0.0205 | 0.0116 | 0.0079 | 0.04 |
| 1568 | 10.1 | 10.4 | 3.1802 | 1.6941 | -0.0063 | 4.868 | 0.081 | -0.0328 | 0.0018 | 0.05 |
| 1569 | 10 | 10.3 | 3.1764 | 1.6983 | -0.0063 | 4.8684 | 0.1151 | -0.0572 | -0.0017 | 0.0561 |
| 1570 | 10.4 | 10.4 | 3.1733 | 1.7015 | -0.0062 | 4.8685 | 0.0629 | -0.0236 | -0.0065 | 0.0328 |
| 1571 | 10.4 | 10.4 | 3.1697 | 1.705 | -0.006 | 4.8687 | 0.0934 | -0.0556 | -0.0092 | 0.0287 |
| 1572 | 11 | 10.4 | 3.1743 | 1.7005 | -0.0059 | 4.8689 | 0.101 | -0.065 | -0.0089 | 0.027 |
| 1573 | 10.2 | 10.4 | 3.1789 | 1.6957 | -0.0059 | 4.8688 | 0.179 | -0.1331 | -0.0062 | 0.0397 |
| 1574 | 10.1 | 10.4 | 3.1729 | 1.7014 | -0.006 | 4.8683 | 0.2736 | -0.2307 | -0.0028 | 0.0401 |
| 1575 | 10.4 | 10.4 | 3.1722 | 1.7024 | -0.0058 | 4.8688 | 0.3025 | -0.2597 | 0.001 | 0.0438 |
| 1576 | 10.6 | 10.4 | 3.1779 | 1.6961 | -0.0063 | 4.8677 | 0.3157 | -0.2619 | 0.0019 | 0.0558 |
| 1577 | 10.1 | 10.4 | 3.1774 | 1.6961 | -0.0065 | 4.8671 | 0.3494 | -0.3076 | 0.0037 | 0.0455 |
| 1578 | 10.4 | 10.4 | 3.1758 | 1.6975 | -0.0067 | 4.8665 | 0.3697 | -0.3433 | 0.0027 | 0.0291 |
| 1579 | 10.6 | 10.4 | 3.1764 | 1.6963 | -0.0068 | 4.8659 | 0.3601 | -0.3317 | 0.0027 | 0.0311 |
| 1580 | 10.8 | 10.4 | 3.1769 | 1.6956 | -0.0068 | 4.8658 | 0.3418 | -0.3038 | 0.0016 | 0.0395 |
| 1581 | 10.4 | 10.4 | 3.1753 | 1.6973 | -0.0066 | 4.866 | 0.403 | -0.3676 | 0.0026 | 0.0379 |
| 1582 | 10.5 | 10.3 | 3.1701 | 1.7023 | -0.0066 | 4.8658 | 0.3815 | -0.3551 | 0.0044 | 0.0308 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1583 | 10.8 | 10.3 | 3.1669 | 1.7064 | -0.0066 | 4.8668 | 0.4225 | -0.4138 | 0.0034 | 0.0121 |
| 1584 | 10.5 | 10.3 | 3.1673 | 1.7057 | -0.0067 | 4.8662 | 0.5137 | -0.4765 | 0.0014 | 0.0385 |
| 1585 | 10.2 | 10.3 | 3.166 | 1.7062 | -0.0068 | 4.8654 | 0.565 | -0.5152 | 0.0005 | 0.0503 |
| 1586 | 10.1 | 10.3 | 3.1665 | 1.7058 | -0.0068 | 4.8655 | 0.5073 | -0.464 | -0.0009 | 0.0424 |
| 1587 | 9.99 | 10.2 | 3.1707 | 1.7028 | -0.0068 | 4.8667 | 0.448 | -0.4108 | -0.0013 | 0.0358 |
| 1588 | 9.98 | 10.2 | 3.179 | 1.6931 | -0.0064 | 4.8657 | 0.3801 | -0.3124 | 0.0002 | 0.0679 |
| 1589 | 10.2 | 10.2 | 3.1845 | 1.6873 | -0.0061 | 4.8657 | 0.2208 | -0.1759 | -0.0028 | 0.0421 |
| 1590 | 10.3 | 10.1 | 3.1873 | 1.6843 | -0.0056 | 4.866 | 0.1566 | -0.1197 | -0.0039 | 0.033 |
| 1591 | 10 | 10.1 | 3.1895 | 1.6817 | -0.0058 | 4.8653 | 0.0583 | -0.0176 | -0.0082 | 0.0325 |
| 1592 | 9.87 | 10.1 | 3.1902 | 1.6817 | -0.0058 | 4.866 | 0.0559 | -0.0311 | -0.0084 | 0.0164 |
| 1593 | 10.4 | 10.1 | 3.194 | 1.6777 | -0.0058 | 4.8658 | 0.1393 | -0.1228 | -0.0095 | 0.0069 |
| 1594 | 10.5 | 10.1 | 3.1956 | 1.6763 | -0.0056 | 4.8663 | 0.2271 | -0.2158 | -0.0108 | 0.0006 |
| 1595 | 9.67 | 10.2 | 3.1985 | 1.6739 | -0.0056 | 4.8668 | 0.2673 | -0.2697 | -0.01 | -0.0124 |
| 1596 | 9.58 | 10.2 | 3.2011 | 1.6714 | -0.0053 | 4.8672 | 0.2616 | -0.2716 | -0.0087 | -0.0187 |
| 1597 | 9.78 | 10.2 | 3.205 | 1.6679 | -0.0051 | 4.8677 | 0.2671 | -0.2648 | -0.001 | 0.0013 |
| 1598 | 10.1 | 10.3 | 3.2084 | 1.6651 | -0.0051 | 4.8683 | 0.256 | -0.2525 | 0.0028 | 0.0063 |
| 1599 | 9.73 | 10.3 | 3.2124 | 1.6609 | -0.0049 | 4.8684 | 0.2469 | -0.2409 | 0.005 | 0.0109 |
| 1600 | 10.2 | 10.4 | 3.2186 | 1.6537 | -0.0049 | 4.8674 | 0.254 | -0.2253 | 0.002 | 0.0308 |
| 1601 | 10.5 | 10.5 | 3.2183 | 1.6558 | -0.0048 | 4.8693 | 0.2683 | -0.2188 | 0.003 | 0.0525 |
| 1602 | 10.6 | 10.5 | 3.2271 | 1.6469 | -0.0047 | 4.8693 | 0.2781 | -0.219 | -0.0004 | 0.0587 |
| 1603 | 10.7 | 10.6 | 3.2287 | 1.6455 | -0.0047 | 4.8694 | 0.3463 | -0.278 | 0.0013 | 0.0696 |
| 1604 | 10.9 | 10.6 | 3.2318 | 1.6432 | -0.0046 | 4.8705 | 0.3916 | -0.3159 | 0.0042 | 0.0799 |
| 1605 | 10.8 | 10.7 | 3.231 | 1.6438 | -0.0045 | 4.8703 | 0.3516 | -0.2728 | 0.0052 | 0.0841 |
| 1606 | 10.8 | 10.8 | 3.2326 | 1.6426 | -0.0045 | 4.8707 | 0.3246 | -0.249 | 0.0046 | 0.0802 |
| 1607 | 10.8 | 10.8 | 3.2296 | 1.6457 | -0.0047 | 4.8706 | 0.2888 | -0.214 | 0.0004 | 0.0753 |
| 1608 | 11.3 | 10.9 | 3.2237 | 1.651 | -0.0049 | 4.8698 | 0.2892 | -0.2153 | -0.0032 | 0.0708 |
| 1609 | 11.2 | 10.9 | 3.2193 | 1.6545 | -0.005 | 4.8688 | 0.2949 | -0.2212 | -0.0026 | 0.0712 |
| 1610 | 11.5 | 11 | 3.2123 | 1.6617 | -0.0053 | 4.8687 | 0.3802 | -0.3029 | 0.0006 | 0.0778 |
| 1611 | 11.2 | 11 | 3.2073 | 1.6665 | -0.0054 | 4.8684 | 0.4766 | -0.3949 | -0.0009 | 0.0808 |
| 1612 | 10.8 | 11 | 3.1976 | 1.6761 | -0.0055 | 4.8683 | 0.5415 | -0.4623 | 0.0018 | 0.081 |
| 1613 | 11 | 11 | 3.195 | 1.6786 | -0.0056 | 4.868 | 0.6007 | -0.5221 | 0.0027 | 0.0812 |
| 1614 | 11.3 | 10.9 | 3.1865 | 1.687 | -0.0058 | 4.8677 | 0.6331 | -0.5555 | 0.0038 | 0.0814 |
| 1615 | 11.3 | 10.9 | 3.1756 | 1.6979 | -0.0057 | 4.8679 | 0.6855 | -0.6025 | 0.0064 | 0.0894 |
| 1616 | 10.8 | 10.9 | 3.1712 | 1.7024 | -0.0056 | 4.8681 | 0.715 | -0.6308 | 0.006 | 0.0901 |
| 1617 | 11 | 10.9 | 3.1647 | 1.709 | -0.0053 | 4.8684 | 0.6942 | -0.619 | 0.0078 | 0.083 |
| 1618 | 10.9 | 10.9 | 3.1586 | 1.7149 | -0.0051 | 4.8683 | 0.6752 | -0.6033 | 0.0107 | 0.0826 |
| 1619 | 11 | 10.8 | 3.1572 | 1.7164 | -0.0049 | 4.8688 | 0.7706 | -0.6954 | 0.007 | 0.0822 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1620 | 10.9 | 10.8 | 3.1521 | 1.7212 | -0.0046 | 4.8687 | 0.7301 | -0.6531 | 0.0068 | 0.0837 |
| 1621 | 10.6 | 10.7 | 3.1475 | 1.7258 | -0.0046 | 4.8687 | 0.6776 | -0.601 | 0.0082 | 0.0847 |
| 1622 | 10.2 | 10.7 | 3.139 | 1.7336 | -0.0049 | 4.8676 | 0.6288 | -0.5551 | 0.0071 | 0.0809 |
| 1623 | 10.2 | 10.7 | 3.1314 | 1.7416 | -0.0054 | 4.8676 | 0.6267 | -0.5551 | 0.0048 | 0.0764 |
| 1624 | 10.3 | 10.6 | 3.1277 | 1.7454 | -0.0059 | 4.8672 | 0.6031 | -0.5377 | 0.0055 | 0.0709 |
| 1625 | 10.5 | 10.6 | 3.1265 | 1.7461 | -0.0061 | 4.8665 | 0.5144 | -0.455 | 0.0041 | 0.0635 |
| 1626 | 11 | 10.5 | 3.1229 | 1.7488 | -0.0062 | 4.8655 | 0.5117 | -0.4569 | 0.0059 | 0.0607 |
| 1627 | 10.6 | 10.5 | 3.1184 | 1.7535 | -0.0062 | 4.8656 | 0.5348 | -0.4847 | 0.0009 | 0.051 |
| 1628 | 10.1 | 10.5 | 3.1196 | 1.7521 | -0.0063 | 4.8654 | 0.4875 | -0.4348 | -0.0006 | 0.0522 |
| 1629 | 10.8 | 10.4 | 3.1198 | 1.7518 | -0.0063 | 4.8653 | 0.3878 | -0.3351 | -0.0024 | 0.0503 |
| 1630 | 10.4 | 10.4 | 3.1139 | 1.758 | -0.0063 | 4.8657 | 0.3808 | -0.3397 | 0.0009 | 0.0421 |
| 1631 | 10.3 | 10.5 | 3.1186 | 1.7533 | -0.0063 | 4.8657 | 0.3909 | -0.3351 | 0.0014 | 0.0572 |
| 1632 | 10.8 | 10.4 | 3.1184 | 1.7527 | -0.0061 | 4.865 | 0.4262 | -0.3856 | 0.002 | 0.0425 |
| 1633 | 10.4 | 10.4 | 3.1167 | 1.7539 | -0.0058 | 4.8648 | 0.432 | -0.3972 | 0.0024 | 0.0372 |
| 1634 | 9.93 | 10.4 | 3.1161 | 1.7545 | -0.0056 | 4.865 | 0.4684 | -0.4273 | 0.0012 | 0.0423 |
| 1635 | 10.2 | 10.4 | 3.1231 | 1.7485 | -0.0056 | 4.866 | 0.517 | -0.482 | -0.0024 | 0.0326 |
| 1636 | 10.4 | 10.4 | 3.1282 | 1.7435 | -0.0057 | 4.8661 | 0.444 | -0.4145 | -0.0034 | 0.0261 |
| 1637 | 10.6 | 10.4 | 3.1342 | 1.7377 | -0.0058 | 4.8661 | 0.4496 | -0.4213 | -0.0055 | 0.0229 |
| 1638 | 10.3 | 10.4 | 3.1428 | 1.729 | -0.0057 | 4.8662 | 0.5392 | -0.4956 | -0.0087 | 0.0349 |
| 1639 | 10.9 | 10.4 | 3.1468 | 1.7254 | -0.0058 | 4.8664 | 0.6518 | -0.6272 | -0.0066 | 0.018 |
| 1640 | 10.8 | 10.4 | 3.1556 | 1.7164 | -0.0056 | 4.8664 | 0.6589 | -0.6472 | -0.0064 | 0.0052 |
| 1641 | 9.91 | 10.4 | 3.1556 | 1.7168 | -0.0057 | 4.8667 | 0.6708 | -0.6651 | -0.0032 | 0.0026 |
| 1642 | 10.1 | 10.4 | 3.1502 | 1.7224 | -0.0057 | 4.867 | 0.7142 | -0.7101 | -0.0059 | -0.0017 |
| 1643 | 10.2 | 10.4 | 3.1466 | 1.7263 | -0.0057 | 4.8672 | 0.7227 | -0.7144 | -0.0054 | 0.0029 |
| 1644 | 10.5 | 10.4 | 3.1461 | 1.7274 | -0.0059 | 4.8676 | 0.6463 | -0.6288 | -0.0042 | 0.0134 |
| 1645 | 10.4 | 10.4 | 3.1452 | 1.7274 | -0.0061 | 4.8665 | 0.5201 | -0.5056 | -0.0008 | 0.0137 |
| 1646 | 9.83 | 10.5 | 3.1445 | 1.7273 | -0.0066 | 4.8653 | 0.4989 | -0.4678 | -0.0042 | 0.0269 |
| 1647 | 10.2 | 10.5 | 3.1451 | 1.7267 | -0.0068 | 4.865 | 0.4853 | -0.4526 | -0.0022 | 0.0305 |
| 1648 | 10.5 | 10.5 | 3.1425 | 1.7285 | -0.0069 | 4.8641 | 0.4828 | -0.4491 | 0.0004 | 0.0341 |
| 1649 | 10.8 | 10.5 | 3.1363 | 1.7333 | -0.0069 | 4.8627 | 0.499 | -0.4476 | 0.0007 | 0.0521 |
| 1650 | 10.3 | 10.5 | 3.132 | 1.7363 | -0.0068 | 4.8615 | 0.5017 | -0.4481 | 0.0024 | 0.056 |
| 1651 | 10.3 | 10.5 | 3.1313 | 1.7359 | -0.0067 | 4.8605 | 0.5344 | -0.4985 | 0.0005 | 0.0363 |
| 1652 | 10.8 | 10.4 | 3.1301 | 1.7364 | -0.0067 | 4.8598 | 0.5224 | -0.4835 | 0.001 | 0.0399 |
| 1653 | 10.1 | 10.4 | 3.1289 | 1.7378 | -0.0069 | 4.8598 | 0.5503 | -0.5125 | 0.0033 | 0.0411 |
| 1654 | 10.3 | 10.4 | 3.1329 | 1.733 | -0.0068 | 4.8592 | 0.5259 | -0.4759 | 0.0035 | 0.0534 |
| 1655 | 11.5 | 10.4 | 3.1354 | 1.7303 | -0.0066 | 4.8591 | 0.5262 | -0.4691 | 0.0042 | 0.0613 |
| 1656 | 11.1 | 10.5 | 3.1404 | 1.7249 | -0.0061 | 4.8591 | 0.4877 | -0.4378 | 0.0058 | 0.0558 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1657 | 11.1 | 10.5 | 3.1413 | 1.7243 | -0.0058 | 4.8597 | 0.5021 | -0.4445 | 0.0029 | 0.0605 |
| 1658 | 10.7 | 10.5 | 3.1399 | 1.7257 | -0.0059 | 4.8598 | 0.4691 | -0.4021 | 0.0011 | 0.068 |
| 1659 | 10.1 | 10.5 | 3.1329 | 1.7333 | -0.0062 | 4.86 | 0.3022 | -0.2441 | -0.0015 | 0.0566 |
| 1660 | 9.65 | 10.5 | 3.1225 | 1.7447 | -0.0062 | 4.861 | 0.2093 | -0.1536 | -0.0018 | 0.0539 |
| 1661 | 9.89 | 10.6 | 3.1123 | 1.7549 | -0.0064 | 4.8609 | 0.1205 | -0.0663 | -0.0025 | 0.0516 |
| 1662 | 9.72 | 10.5 | 3.109 | 1.7583 | -0.0067 | 4.8606 | 0.1805 | -0.1283 | -0.0061 | 0.0461 |
| 1663 | 10.2 | 10.6 | 3.1072 | 1.7599 | -0.0068 | 4.8603 | 0.2507 | -0.1975 | -0.0105 | 0.0427 |
| 1664 | 11 | 10.7 | 3.1037 | 1.7625 | -0.007 | 4.8593 | 0.359 | -0.313 | -0.0121 | 0.034 |
| 1665 | 11.3 | 10.6 | 3.1046 | 1.7611 | -0.0069 | 4.8588 | 0.424 | -0.372 | -0.0135 | 0.0385 |
| 1666 | 10 | 10.6 | 3.1072 | 1.7593 | -0.0068 | 4.8597 | 0.3613 | -0.313 | -0.0124 | 0.036 |
| 1667 | 11.1 | 10.7 | 3.1112 | 1.7556 | -0.0071 | 4.8598 | 0.3394 | -0.3092 | -0.0112 | 0.019 |
| 1668 | 11 | 10.7 | 3.1032 | 1.7636 | -0.007 | 4.8598 | 0.2726 | -0.242 | -0.0088 | 0.0218 |
| 1669 | 10.4 | 10.7 | 3.1034 | 1.7637 | -0.007 | 4.86 | 0.1802 | -0.1471 | -0.009 | 0.0242 |
| 1670 | 10.9 | 10.7 | 3.1055 | 1.7616 | -0.0071 | 4.86 | 0.1921 | -0.1519 | -0.0051 | 0.035 |
| 1671 | 10.4 | 10.8 | 3.1068 | 1.7605 | -0.0067 | 4.8606 | -0.0064 | 0.0468 | -0.0021 | 0.0384 |
| 1672 | 11.2 | 10.8 | 3.1117 | 1.756 | -0.0064 | 4.8613 | -0.1373 | 0.1806 | 0.0009 | 0.0442 |
| 1673 | 11.3 | 10.8 | 3.1186 | 1.7495 | -0.0065 | 4.8617 | -0.3009 | 0.3105 | -0.003 | 0.0066 |
| 1674 | 11 | 10.7 | 3.1214 | 1.7469 | -0.0064 | 4.8619 | -0.4094 | 0.4511 | -0.0111 | 0.0306 |
| 1675 | 11.4 | 10.7 | 3.1211 | 1.7481 | -0.0064 | 4.8628 | -0.412 | 0.4679 | -0.016 | 0.0399 |
| 1676 | 11.5 | 10.7 | 3.1244 | 1.7446 | -0.0064 | 4.8626 | -0.3749 | 0.434 | -0.0184 | 0.0406 |
| 1677 | 10.9 | 10.6 | 3.1287 | 1.7396 | -0.0064 | 4.8619 | -0.4986 | 0.5385 | -0.0216 | 0.0183 |
| 1678 | 10.5 | 10.5 | 3.137 | 1.731 | -0.0065 | 4.8615 | -0.6115 | 0.6561 | -0.0208 | 0.0238 |
| 1679 | 10.5 | 10.5 | 3.1383 | 1.7302 | -0.0069 | 4.8616 | -0.6469 | 0.6983 | -0.0155 | 0.036 |
| 1680 | 10.5 | 10.5 | 3.1378 | 1.7291 | -0.0069 | 4.86 | -0.6784 | 0.7363 | -0.0085 | 0.0495 |
| 1681 | 10.4 | 10.5 | 3.1327 | 1.7359 | -0.0068 | 4.8618 | -0.7848 | 0.8598 | -0.0053 | 0.0697 |
| 1682 | 10.3 | 10.4 | 3.1269 | 1.742 | -0.0068 | 4.8621 | -0.8032 | 0.8686 | -0.004 | 0.0613 |
| 1683 | 9.74 | 10.4 | 3.1201 | 1.7492 | -0.0067 | 4.8625 | -0.823 | 0.8754 | -0.0001 | 0.0523 |
| 1684 | 9.95 | 10.3 | 3.1156 | 1.7539 | -0.0065 | 4.863 | -0.8369 | 0.8855 | 0.0043 | 0.053 |
| 1685 | 9.62 | 10.3 | 3.1216 | 1.7477 | -0.0065 | 4.8628 | -0.8034 | 0.8558 | 0.0046 | 0.057 |
| 1686 | 9.93 | 10.2 | 3.1215 | 1.7479 | -0.0063 | 4.8632 | -0.7008 | 0.7664 | -0.0001 | 0.0655 |
| 1687 | 10.2 | 10.2 | 3.1168 | 1.7523 | -0.0059 | 4.8632 | -0.6444 | 0.7137 | -0.0049 | 0.0644 |
| 1688 | 9.96 | 10.2 | 3.1139 | 1.7558 | -0.0057 | 4.8639 | -0.5153 | 0.5822 | -0.0084 | 0.0584 |
| 1689 | 10.2 | 10.2 | 3.1186 | 1.7521 | -0.0055 | 4.8652 | -0.3432 | 0.4052 | -0.0082 | 0.0538 |
| 1690 | 10.1 | 10.2 | 3.1203 | 1.7508 | -0.0053 | 4.8658 | -0.1965 | 0.2624 | -0.0095 | 0.0564 |
| 1691 | 10.6 | 10.2 | 3.118 | 1.7527 | -0.0052 | 4.8655 | -0.0238 | 0.0914 | -0.0055 | 0.0621 |
| 1692 | 10.6 | 10.2 | 3.1179 | 1.7531 | -0.0053 | 4.8657 | -0.0355 | 0.0996 | -0.007 | 0.0571 |
| 1693 | 9.86 | 10.2 | 3.1293 | 1.7405 | -0.0054 | 4.8645 | -0.1391 | 0.2087 | -0.0053 | 0.0643 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1694 | 9.87 | 10.3 | 3.1436 | 1.7269 | -0.0056 | 4.8649 | -0.1705 | 0.2426 | -0.0044 | 0.0677 |
| 1695 | 9.86 | 10.4 | 3.1486 | 1.7207 | -0.0052 | 4.8641 | -0.2065 | 0.286 | -0.0046 | 0.075 |
| 1696 | 10.7 | 10.4 | 3.1526 | 1.7167 | -0.0051 | 4.8642 | -0.2187 | 0.297 | -0.0045 | 0.0738 |
| 1697 | 10.6 | 10.5 | 3.1567 | 1.7128 | -0.0052 | 4.8643 | -0.2013 | 0.2965 | -0.0071 | 0.088 |
| 1698 | 10.5 | 10.6 | 3.1585 | 1.7098 | -0.0052 | 4.8631 | -0.28 | 0.366 | -0.0099 | 0.0761 |
| 1699 | 10.5 | 10.6 | 3.1622 | 1.7057 | -0.0052 | 4.8628 | -0.3614 | 0.4584 | -0.011 | 0.086 |
| 1700 | 10.3 | 10.7 | 3.1651 | 1.7036 | -0.005 | 4.8638 | -0.4747 | 0.5587 | -0.0131 | 0.0709 |
| 1701 | 10.8 | 10.7 | 3.1661 | 1.7042 | -0.0049 | 4.8654 | -0.4989 | 0.562 | -0.0138 | 0.0492 |
| 1702 | 10.4 | 10.7 | 3.172 | 1.6981 | -0.005 | 4.8651 | -0.4997 | 0.5512 | -0.0154 | 0.0361 |
| 1703 | 10.9 | 10.8 | 3.1761 | 1.6931 | -0.005 | 4.8641 | -0.4805 | 0.513 | -0.0105 | 0.022 |
| 1704 | 11.1 | 10.9 | 3.1792 | 1.6901 | -0.005 | 4.8643 | -0.4616 | 0.5142 | -0.0081 | 0.0445 |
| 1705 | 11.3 | 10.9 | 3.1822 | 1.6875 | -0.0051 | 4.8647 | -0.4317 | 0.4871 | -0.006 | 0.0494 |
| 1706 | 11.5 | 10.9 | 3.1824 | 1.6871 | -0.0048 | 4.8647 | -0.4064 | 0.4708 | -0.0042 | 0.0602 |
| 1707 | 11.2 | 10.9 | 3.1827 | 1.6859 | -0.0048 | 4.8638 | -0.3844 | 0.4524 | -0.001 | 0.0669 |
| 1708 | 11.5 | 10.9 | 3.1935 | 1.6754 | -0.0047 | 4.8641 | -0.3712 | 0.451 | 0.0015 | 0.0813 |
| 1709 | 11.1 | 10.9 | 3.1984 | 1.6699 | -0.0048 | 4.8635 | -0.4005 | 0.4786 | -0.0002 | 0.0779 |
| 1710 | 11.3 | 10.9 | 3.2003 | 1.6683 | -0.0051 | 4.8635 | -0.5377 | 0.6673 | -0.0052 | 0.1244 |
| 1711 | 10.7 | 10.9 | 3.1892 | 1.6793 | -0.0048 | 4.8638 | -0.8463 | 0.9087 | -0.005 | 0.0574 |
| 1712 | 11.1 | 10.9 | 3.1726 | 1.6958 | -0.0044 | 4.864 | -1.1243 | 1.2034 | -0.0078 | 0.0713 |
| 1713 | 11.4 | 10.9 | 3.1591 | 1.7099 | -0.0044 | 4.8646 | -1.1771 | 1.2564 | -0.0127 | 0.0666 |
| 1714 | 10.7 | 10.9 | 3.1441 | 1.7242 | -0.0044 | 4.8638 | -1.1597 | 1.2347 | -0.0149 | 0.0601 |
| 1715 | 10.2 | 10.9 | 3.1395 | 1.7293 | -0.0045 | 4.8643 | -1.2157 | 1.2726 | -0.0182 | 0.0387 |
| 1716 | 10.4 | 10.8 | 3.1373 | 1.7334 | -0.0044 | 4.8662 | -1.2251 | 1.2809 | -0.0164 | 0.0394 |
| 1717 | 10.6 | 10.8 | 3.1374 | 1.7332 | -0.0044 | 4.8662 | -1.2638 | 1.3276 | -0.0154 | 0.0484 |
| 1718 | 10.9 | 10.8 | 3.1406 | 1.7296 | -0.0042 | 4.8659 | -1.2265 | 1.291 | -0.0162 | 0.0482 |
| 1719 | 10.7 | 10.8 | 3.138 | 1.7316 | -0.0044 | 4.8652 | -1.2875 | 1.3479 | -0.0135 | 0.0468 |
| 1720 | 10.2 | 10.8 | 3.1527 | 1.7165 | -0.0044 | 4.8649 | -1.2132 | 1.28 | -0.0137 | 0.0531 |
| 1721 | 10.9 | 10.8 | 3.1612 | 1.7078 | -0.0047 | 4.8643 | -1.0493 | 1.1367 | -0.0122 | 0.0752 |
| 1722 | 10.4 | 10.8 | 3.1691 | 1.7025 | -0.0046 | 4.867 | -1.1154 | 1.1962 | -0.0057 | 0.075 |
| 1723 | 11.3 | 10.7 | 3.1724 | 1.6965 | -0.0043 | 4.8646 | -1.1807 | 1.2838 | -0.0025 | 0.1006 |
| 1724 | 10.6 | 10.7 | 3.1689 | 1.6986 | -0.0043 | 4.8632 | -1.1061 | 1.2347 | -0.0003 | 0.1282 |
| 1725 | 10.7 | 10.7 | 3.164 | 1.7027 | -0.0042 | 4.8625 | -1.0207 | 1.1475 | 0.0036 | 0.1304 |
| 1726 | 11.2 | 10.7 | 3.1727 | 1.6949 | -0.004 | 4.8636 | -1.0117 | 1.1496 | 0.0059 | 0.1438 |
| 1727 | 11.3 | 10.7 | 3.1795 | 1.6878 | -0.0041 | 4.8633 | -1.0269 | 1.1624 | 0.005 | 0.1405 |
| 1728 | 11.1 | 10.7 | 3.1843 | 1.6823 | -0.0048 | 4.8618 | -1.0157 | 1.1567 | 0.0045 | 0.1455 |
| 1729 | 10.5 | 10.7 | 3.1877 | 1.6781 | -0.0055 | 4.8603 | -1.1427 | 1.2744 | -0.0014 | 0.1302 |
| 1730 | 10.7 | 10.7 | 3.1924 | 1.6721 | -0.0058 | 4.8587 | -1.2194 | 1.3739 | -0.009 | 0.1454 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1731 | 10.5 | 10.7 | 3.1989 | 1.6665 | -0.0059 | 4.8595 | -1.3502 | 1.4735 | -0.0132 | 0.1101 |
| 1732 | 10.5 | 10.7 | 3.2007 | 1.6651 | -0.0061 | 4.8598 | -1.4762 | 1.6157 | -0.0134 | 0.1261 |
| 1733 | 10.3 | 10.6 | 3.2004 | 1.6653 | -0.0062 | 4.8595 | -1.618 | 1.7595 | -0.0144 | 0.127 |
| 1734 | 10.6 | 10.6 | 3.1964 | 1.6689 | -0.0061 | 4.8593 | -1.7241 | 1.8647 | -0.0137 | 0.1269 |
| 1735 | 10.7 | 10.6 | 3.1932 | 1.6718 | -0.0056 | 4.8595 | -1.7559 | 1.9018 | -0.0104 | 0.1355 |
| 1736 | 9.89 | 10.6 | 3.1926 | 1.6722 | -0.0052 | 4.8596 | -1.6768 | 1.8284 | -0.0096 | 0.142 |
| 1737 | 10.6 | 10.5 | 3.1858 | 1.6795 | -0.005 | 4.8602 | -1.6661 | 1.8233 | -0.0075 | 0.1497 |
| 1738 | 10.6 | 10.5 | 3.1772 | 1.6885 | -0.0049 | 4.8608 | -1.7187 | 1.865 | -0.0051 | 0.1411 |
| 1739 | 10.6 | 10.6 | 3.1664 | 1.6992 | -0.0048 | 4.8608 | -1.7485 | 1.9039 | -0.0025 | 0.1529 |
| 1740 | 10.6 | 10.6 | 3.158 | 1.7072 | -0.0051 | 4.8601 | -1.594 | 1.7501 | -0.0008 | 0.1554 |
| 1741 | 10.2 | 10.6 | 3.1591 | 1.7068 | -0.005 | 4.8609 | -1.5237 | 1.6942 | 0.0018 | 0.1722 |
| 1742 | 10.4 | 10.6 | 3.1642 | 1.7015 | -0.0052 | 4.8605 | -1.6103 | 1.7777 | 0.0049 | 0.1722 |
| 1743 | 11 | 10.6 | 3.1637 | 1.702 | -0.0053 | 4.8604 | -1.6567 | 1.8225 | 0.0042 | 0.1701 |
| 1744 | 10.5 | 10.6 | 3.1668 | 1.6988 | -0.0054 | 4.8601 | -1.502 | 1.6584 | 0.0042 | 0.1606 |
| 1745 | 10.7 | 10.6 | 3.1671 | 1.6977 | -0.0057 | 4.8591 | -1.2347 | 1.4009 | 0.003 | 0.1692 |
| 1746 | 10.2 | 10.6 | 3.1647 | 1.6977 | -0.0059 | 4.8565 | -1.0989 | 1.2469 | 0.0065 | 0.1545 |
| 1747 | 10.5 | 10.6 | 3.1731 | 1.6901 | -0.0058 | 4.8574 | -0.9398 | 1.0769 | 0.0065 | 0.1436 |
| 1748 | 11.4 | 10.6 | 3.1786 | 1.6827 | -0.0058 | 4.8555 | -0.8132 | 0.9534 | 0.0053 | 0.1455 |
| 1749 | 10.7 | 10.6 | 3.1838 | 1.6774 | -0.0056 | 4.8556 | -0.6953 | 0.8252 | 0.0063 | 0.1362 |
| 1750 | 10.8 | 10.6 | 3.1819 | 1.6801 | -0.0054 | 4.8565 | -0.4894 | 0.6287 | 0.0076 | 0.147 |
| 1751 | 10.2 | 10.6 | 3.1812 | 1.6808 | -0.0052 | 4.8569 | -0.3671 | 0.5038 | 0.0112 | 0.1479 |
| 1752 | 10.5 | 10.6 | 3.1782 | 1.6851 | -0.0056 | 4.8576 | -0.3613 | 0.5146 | 0.0119 | 0.1651 |
| 1753 | 10.9 | 10.6 | 3.175 | 1.6863 | -0.0061 | 4.8553 | -0.3043 | 0.4583 | 0.0107 | 0.1646 |
| 1754 | 10.7 | 10.6 | 3.1761 | 1.6843 | -0.0062 | 4.8542 | -0.2659 | 0.4108 | 0.0107 | 0.1556 |
| 1755 | 10.5 | 10.6 | 3.176 | 1.6832 | -0.0061 | 4.8531 | -0.2359 | 0.3844 | 0.0112 | 0.1596 |
| 1756 | 10.3 | 10.7 | 3.1788 | 1.6797 | -0.006 | 4.8524 | -0.2065 | 0.3613 | 0.0104 | 0.1652 |
| 1757 | 10.5 | 10.7 | 3.1784 | 1.6792 | -0.006 | 4.8516 | -0.2067 | 0.3601 | 0.0132 | 0.1665 |
| 1758 | 10.5 | 10.7 | 3.18 | 1.6779 | -0.0059 | 4.852 | -0.2062 | 0.3513 | 0.0137 | 0.1588 |
| 1759 | 10.5 | 10.7 | 3.1867 | 1.6666 | -0.0057 | 4.8475 | -0.0914 | 0.2407 | 0.0149 | 0.1642 |
| 1760 | 10.6 | 10.7 | 3.2071 | 1.6538 | -0.0057 | 4.8553 | -0.0381 | 0.1832 | 0.0136 | 0.1587 |
| 1761 | 10.6 | 10.7 | 3.2248 | 1.6346 | -0.0056 | 4.8537 | -0.0178 | 0.1675 | 0.0113 | 0.161 |
| 1762 | 10.6 | 10.7 | 3.2267 | 1.6327 | -0.0054 | 4.854 | -0.1418 | 0.2931 | 0.0145 | 0.1658 |
| 1763 | 10.6 | 10.7 | 3.2232 | 1.6364 | -0.0053 | 4.8543 | -0.333 | 0.4844 | 0.0187 | 0.1701 |
| 1764 | 10.8 | 10.7 | 3.2253 | 1.6353 | -0.0051 | 4.8554 | -0.4918 | 0.6514 | 0.0194 | 0.179 |
| 1765 | 11.3 | 10.6 | 3.2271 | 1.6331 | -0.0053 | 4.8548 | -0.6717 | 0.8248 | 0.0189 | 0.172 |
| 1766 | 11.2 | 10.6 | 3.2336 | 1.6265 | -0.0053 | 4.8549 | -0.734 | 0.8945 | 0.019 | 0.1796 |
| 1767 | 11.2 | 10.6 | 3.2339 | 1.6265 | -0.0055 | 4.8549 | -0.7688 | 0.9541 | 0.0195 | 0.2048 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1768 | 10.6 | 10.6 | 3.2319 | 1.6288 | -0.0056 | 4.8551 | -0.7762 | 0.9632 | 0.0202 | 0.2072 |
| 1769 | 10.7 | 10.6 | 3.2247 | 1.6357 | -0.0056 | 4.8547 | -0.7472 | 0.931 | 0.0224 | 0.2061 |
| 1770 | 10.5 | 10.5 | 3.2104 | 1.6479 | -0.0058 | 4.8525 | -0.7882 | 0.9677 | 0.021 | 0.2005 |
| 1771 | 10.3 | 10.5 | 3.2184 | 1.6409 | -0.0061 | 4.8531 | -0.6141 | 0.7914 | 0.0209 | 0.1983 |
| 1772 | 10.8 | 10.4 | 3.2297 | 1.6276 | -0.0061 | 4.8512 | -0.5148 | 0.6908 | 0.0174 | 0.1934 |
| 1773 | 10.3 | 10.4 | 3.2293 | 1.626 | -0.0064 | 4.8489 | -0.4207 | 0.6321 | 0.0191 | 0.2306 |
| 1774 | 10.5 | 10.4 | 3.2235 | 1.6322 | -0.0068 | 4.8489 | -0.3829 | 0.562 | 0.023 | 0.2022 |
| 1775 | 9.96 | 10.3 | 3.2222 | 1.6331 | -0.007 | 4.8484 | -0.4343 | 0.5978 | 0.0233 | 0.1868 |
| 1776 | 10.8 | 10.3 | 3.2271 | 1.6283 | -0.0069 | 4.8485 | -0.5052 | 0.6603 | 0.0244 | 0.1795 |
| 1777 | 10.2 | 10.3 | 3.2302 | 1.6239 | -0.0069 | 4.8473 | -0.3936 | 0.5636 | 0.0276 | 0.1976 |
| 1778 | 9.89 | 10.3 | 3.2513 | 1.6035 | -0.0063 | 4.8485 | -0.3061 | 0.4744 | 0.0268 | 0.1952 |
| 1779 | 9.39 | 10.2 | 3.2602 | 1.5929 | -0.006 | 4.8471 | -0.2436 | 0.4036 | 0.0183 | 0.1783 |
| 1780 | 9.86 | 10.2 | 3.2729 | 1.5817 | -0.0056 | 4.849 | -0.1998 | 0.3508 | 0.0087 | 0.1597 |
| 1781 | 9.44 | 10.2 | 3.2803 | 1.5743 | -0.0055 | 4.8492 | -0.1348 | 0.2691 | 0.0044 | 0.1387 |
| 1782 | 9.93 | 10.1 | 3.2887 | 1.566 | -0.0054 | 4.8494 | -0.0426 | 0.1921 | 0.0029 | 0.1523 |
| 1783 | 10.5 | 10.1 | 3.2925 | 1.5627 | -0.0054 | 4.8499 | -0.0165 | 0.1749 | 0.0002 | 0.1586 |
| 1784 | 10.5 | 10 | 3.2912 | 1.5637 | -0.0055 | 4.8494 | -0.0225 | 0.1806 | -0.0017 | 0.1564 |
| 1785 | 10.7 | 9.96 | 3.2893 | 1.5648 | -0.0055 | 4.8486 | -0.0825 | 0.2383 | -0.0005 | 0.1554 |
| 1786 | 10.3 | 9.87 | 3.2882 | 1.5656 | -0.0055 | 4.8483 | -0.1332 | 0.2865 | 0.0074 | 0.1607 |
| 1787 | 10.4 | 9.79 | 3.2887 | 1.5659 | -0.0054 | 4.8491 | -0.144 | 0.2959 | 0.014 | 0.1659 |
| 1788 | 10.1 | 9.76 | 3.2887 | 1.5654 | -0.0055 | 4.8487 | -0.2556 | 0.4166 | 0.017 | 0.178 |
| 1789 | 10.5 | 9.77 | 3.278 | 1.577 | -0.0054 | 4.8497 | -0.3984 | 0.5694 | 0.0186 | 0.1896 |
| 1790 | 10 | 9.78 | 3.2726 | 1.5814 | -0.0055 | 4.8485 | -0.5812 | 0.7537 | 0.0203 | 0.1928 |
| 1791 | 9.09 | 9.86 | 3.2791 | 1.5749 | -0.0057 | 4.8483 | -0.7317 | 0.9005 | 0.0169 | 0.1857 |
| 1792 | 9.02 | 9.82 | 3.2836 | 1.5709 | -0.0057 | 4.8487 | -0.7247 | 0.9089 | 0.0182 | 0.2024 |
| 1793 | 9.26 | 9.72 | 3.2795 | 1.5747 | -0.0058 | 4.8484 | -0.65 | 0.8332 | 0.0155 | 0.1987 |
| 1794 | 9.22 | 9.62 | 3.2671 | 1.5868 | -0.0059 | 4.848 | -0.67 | 0.8564 | 0.0136 | 0.2 |
| 1795 | 9.11 | 9.5 | 3.2585 | 1.596 | -0.0058 | 4.8487 | -0.6263 | 0.8135 | 0.0112 | 0.1984 |
| 1796 | 8.88 | 9.49 | 3.2466 | 1.609 | -0.0058 | 4.8498 | -0.6329 | 0.8085 | 0.0075 | 0.1831 |
| 1797 | 9.21 | 9.58 | 3.238 | 1.6174 | -0.0057 | 4.8497 | -0.6889 | 0.8234 | 0.0038 | 0.1383 |
| 1798 | 9.66 | 9.75 | 3.228 | 1.6273 | -0.0058 | 4.8495 | -0.5428 | 0.6966 | 0.005 | 0.1588 |
| 1799 | 10.1 | 10.2 | 3.2111 | 1.6429 | -0.0059 | 4.8481 | -0.447 | 0.5664 | 0.0053 | 0.1246 |
| 1800 | 10.9 | 10.9 | 3.2019 | 1.6532 | -0.0061 | 4.849 | -0.3544 | 0.4744 | 0.0094 | 0.1294 |