| | |
|---|---|
| Test Name | **AL, PF, rep 1** |
| Cladding | **Aluminium** |
| Cladding Thickness [mm] | **2** |
| Insulation | **Phenolic (PF) foam** |
| Insulation Thickness [mm] | **100** |
| Cavity Width [mm] | **50** |
| Repetition Number | **1** |
| Mass Flow Rate (Propane) | **0.2** |
| Description | This experiment is on a system consisting of an Aluminium cladding panel and a Phenolic (PF) foam insulation panel, separated with a cavity of 50 mm width. It is the first repetition of this system configuration. |
| Experiment Notes | The Phenolic foam insulation was seen to continue smouldering after the experiment was terminated, requiring extinguishment. |
| Peak HRR [kW] | **0** |
| Time to Peak HRR [mins] | |
| Residual HRR [kW] | **1.3** |
| Total HR [MJ] | **0** |
| Peak dQ/dt [kW/s] | **0** |
| Time to Peak dQ/dt [s] | |

| 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 | -0.139 | -0.139 | 3.1984 | 2.3094 | -0.0009 | 5.5069 | -0.0148 | 0.3896 | 0.0066 | 0.3814 |
| 1 | -0.0218 | 0.0198 | 3.1983 | 2.308 | -0.0008 | 5.5056 | 0.0184 | 0.3846 | 0.0028 | 0.4058 |
| 2 | 0.22 | 0.212 | 3.1975 | 2.3059 | -0.0008 | 5.5025 | 0.0631 | 0.3734 | 0.0027 | 0.4393 |
| 3 | 0.356 | 0.363 | 3.197 | 2.304 | -0.0009 | 5.5001 | 0.0475 | 0.3675 | 0.003 | 0.4181 |
| 4 | 0.645 | 0.518 | 3.1966 | 2.3026 | -0.0009 | 5.4984 | 0.0536 | 0.3651 | 0.0056 | 0.4243 |
| 5 | 0.679 | 0.964 | 3.1955 | 2.3015 | -0.0008 | 5.4962 | 0.0925 | 0.3557 | 0.008 | 0.4562 |
| 6 | 0.8 | 1.67 | 3.1948 | 2.3009 | -0.0008 | 5.4949 | 0.1365 | 0.345 | 0.007 | 0.4885 |
| 7 | 0.816 | 2.44 | 3.1963 | 2.3 | -0.0008 | 5.4955 | 0.182 | 0.3369 | 0.006 | 0.5249 |
| 8 | 1.3 | 3.17 | 3.1975 | 2.2992 | -0.0009 | 5.4958 | 0.2187 | 0.3262 | 0.007 | 0.5519 |
| 9 | 2.46 | 3.82 | 3.1988 | 2.2982 | -0.001 | 5.496 | 0.2466 | 0.3189 | 0.0062 | 0.5717 |
| 10 | 3.49 | 4.35 | 3.1988 | 2.2974 | -0.001 | 5.4952 | 0.264 | 0.318 | 0.0027 | 0.5848 |
| 11 | 4.88 | 4.89 | 3.1979 | 2.297 | -0.001 | 5.494 | 0.2904 | 0.3102 | 0.0007 | 0.6013 |
| 12 | 6.2 | 5.39 | 3.1976 | 2.296 | -0.001 | 5.4925 | 0.3069 | 0.2957 | -0.001 | 0.6016 |
| 13 | 7.25 | 5.89 | 3.199 | 2.2952 | -0.001 | 5.4932 | 0.3255 | 0.2958 | -0.0007 | 0.6206 |
| 14 | 7.68 | 6.39 | 3.198 | 2.2947 | -0.0009 | 5.4918 | 0.3596 | 0.2929 | 0.001 | 0.6535 |
| 15 | 8.44 | 6.91 | 3.1968 | 2.2945 | -0.001 | 5.4902 | 0.3995 | 0.2895 | 0.0027 | 0.6917 |
| 16 | 8.91 | 7.43 | 3.1955 | 2.2944 | -0.001 | 5.4889 | 0.4241 | 0.288 | 0.0043 | 0.7164 |
| 17 | 9.17 | 7.94 | 3.1933 | 2.2945 | -0.0011 | 5.4867 | 0.4251 | 0.2926 | 0.0042 | 0.722 |
| 18 | 9.47 | 8.42 | 3.1908 | 2.2948 | -0.0012 | 5.4845 | 0.4234 | 0.2977 | 0.0035 | 0.7246 |
| 19 | 9.89 | 8.84 | 3.1894 | 2.2946 | -0.0014 | 5.4826 | 0.4387 | 0.2938 | 0.0024 | 0.7348 |
| 20 | 10.2 | 9.2 | 3.1881 | 2.2944 | -0.0012 | 5.4813 | 0.4644 | 0.2924 | 0.002 | 0.7588 |
| 21 | 9.72 | 9.51 | 3.187 | 2.2943 | -0.0013 | 5.4799 | 0.4822 | 0.289 | 0.0046 | 0.7758 |
| 22 | 9.89 | 9.73 | 3.1865 | 2.294 | -0.0013 | 5.4792 | 0.5023 | 0.2849 | 0.0047 | 0.7919 |
| 23 | 10.2 | 9.89 | 3.1858 | 2.2941 | -0.0013 | 5.4786 | 0.5013 | 0.2771 | 0.0035 | 0.7819 |
| 24 | 10.5 | 10 | 3.1843 | 2.2941 | -0.0014 | 5.477 | 0.5058 | 0.2746 | 0.0046 | 0.785 |
| 25 | 10.7 | 10.1 | 3.1822 | 2.2941 | -0.0014 | 5.475 | 0.4932 | 0.2721 | 0.005 | 0.7703 |
| 26 | 10.4 | 10.2 | 3.1813 | 2.2941 | -0.0014 | 5.474 | 0.4887 | 0.2718 | 0.0058 | 0.7663 |
| 27 | 10.5 | 10.3 | 3.1823 | 2.2937 | -0.0013 | 5.4746 | 0.4839 | 0.2735 | 0.0064 | 0.7637 |
| 28 | 10.4 | 10.3 | 3.1829 | 2.2935 | -0.0013 | 5.4751 | 0.4635 | 0.2798 | 0.0077 | 0.751 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 10.5 | 10.3 | 3.1839 | 2.2932 | -0.0013 | 5.4758 | 0.4501 | 0.2851 | 0.009 | 0.7442 |
| 30 | 10.8 | 10.2 | 3.1846 | 2.2931 | -0.0012 | 5.4765 | 0.4477 | 0.2859 | 0.0083 | 0.7418 |
| 31 | 10.3 | 10.2 | 3.1856 | 2.2932 | -0.0013 | 5.4775 | 0.4138 | 0.2904 | 0.0068 | 0.7111 |
| 32 | 10.2 | 10.3 | 3.1883 | 2.2928 | -0.0014 | 5.4797 | 0.3852 | 0.294 | 0.0042 | 0.6834 |
| 33 | 10.4 | 10.2 | 3.1915 | 2.2929 | -0.0013 | 5.483 | 0.3595 | 0.2959 | 0.0054 | 0.6608 |
| 34 | 10.7 | 10.1 | 3.1942 | 2.2929 | -0.0013 | 5.4858 | 0.3143 | 0.2976 | 0.0064 | 0.6183 |
| 35 | 10.1 | 10.1 | 3.1969 | 2.2927 | -0.0014 | 5.4883 | 0.3091 | 0.2931 | 0.006 | 0.6083 |
| 36 | 10 | 10.1 | 3.1992 | 2.2924 | -0.0013 | 5.4903 | 0.3148 | 0.2916 | 0.0056 | 0.6119 |
| 37 | 9.7 | 9.99 | 3.2 | 2.2923 | -0.0013 | 5.491 | 0.3253 | 0.2899 | 0.0068 | 0.6219 |
| 38 | 9.79 | 9.96 | 3.2002 | 2.2921 | -0.0014 | 5.4909 | 0.3342 | 0.2874 | 0.0066 | 0.6282 |
| 39 | 9.71 | 9.92 | 3.2006 | 2.2919 | -0.0013 | 5.4912 | 0.345 | 0.288 | 0.0069 | 0.6399 |
| 40 | 9.74 | 9.88 | 3.2014 | 2.2919 | -0.0012 | 5.4921 | 0.3627 | 0.2875 | 0.0071 | 0.6573 |
| 41 | 10.2 | 9.86 | 3.2022 | 2.292 | -0.0013 | 5.4929 | 0.3768 | 0.2935 | 0.0061 | 0.6763 |
| 42 | 9.11 | 9.82 | 3.2033 | 2.2917 | -0.0013 | 5.4938 | 0.3798 | 0.2894 | 0.008 | 0.6772 |
| 43 | 9.28 | 9.76 | 3.2034 | 2.2919 | -0.0013 | 5.4941 | 0.3785 | 0.2908 | 0.0082 | 0.6775 |
| 44 | 9.93 | 9.7 | 3.2036 | 2.292 | -0.0012 | 5.4944 | 0.3668 | 0.2915 | 0.0111 | 0.6693 |
| 45 | 9.74 | 9.68 | 3.2018 | 2.2922 | -0.0011 | 5.4929 | 0.3569 | 0.2942 | 0.011 | 0.662 |
| 46 | 9.34 | 9.66 | 3.1989 | 2.2924 | -0.0009 | 5.4904 | 0.3467 | 0.2954 | 0.0112 | 0.6532 |
| 47 | 9.74 | 9.65 | 3.1982 | 2.2925 | -0.001 | 5.4897 | 0.3374 | 0.2944 | 0.0127 | 0.6445 |
| 48 | 9.72 | 9.63 | 3.1986 | 2.2923 | -0.0012 | 5.4898 | 0.3262 | 0.2953 | 0.0137 | 0.6351 |
| 49 | 9.97 | 9.62 | 3.1988 | 2.292 | -0.0014 | 5.4894 | 0.3168 | 0.2961 | 0.0122 | 0.6251 |
| 50 | 10 | 9.64 | 3.1971 | 2.2919 | -0.0012 | 5.4878 | 0.3089 | 0.2957 | 0.0114 | 0.6159 |
| 51 | 9.49 | 9.66 | 3.1948 | 2.2921 | -0.0012 | 5.4857 | 0.3068 | 0.2767 | 0.013 | 0.5965 |
| 52 | 9.2 | 9.73 | 3.1955 | 2.292 | -0.0012 | 5.4864 | 0.3014 | 0.2652 | 0.0121 | 0.5786 |
| 53 | 9.51 | 9.75 | 3.1952 | 2.2918 | -0.0014 | 5.4856 | 0.2916 | 0.2436 | 0.0117 | 0.547 |
| 54 | 9.77 | 9.75 | 3.193 | 2.292 | -0.0015 | 5.4834 | 0.2864 | 0.2232 | 0.0102 | 0.5197 |
| 55 | 9.65 | 9.77 | 3.1904 | 2.2922 | -0.0015 | 5.4812 | 0.284 | 0.2085 | 0.012 | 0.5045 |
| 56 | 9.48 | 9.82 | 3.1877 | 2.2923 | -0.0014 | 5.4786 | 0.2704 | 0.1985 | 0.014 | 0.4828 |
| 57 | 9.41 | 9.86 | 3.1854 | 2.2926 | -0.0015 | 5.4765 | 0.2599 | 0.1908 | 0.014 | 0.4647 |
| 58 | 9.54 | 9.88 | 3.1835 | 2.2927 | -0.0014 | 5.4748 | 0.2716 | 0.1866 | 0.0146 | 0.4728 |
| 59 | 10.1 | 9.89 | 3.1822 | 2.2924 | -0.0012 | 5.4734 | 0.2866 | 0.1824 | 0.0142 | 0.4832 |
| 60 | 10.5 | 9.88 | 3.1803 | 2.2926 | -0.0011 | 5.4718 | 0.3139 | 0.1705 | 0.0154 | 0.4998 |
| 61 | 10.4 | 9.88 | 3.179 | 2.2932 | -0.001 | 5.4712 | 0.3354 | 0.1586 | 0.0177 | 0.5117 |
| 62 | 9.79 | 9.89 | 3.1776 | 2.2929 | -0.001 | 5.4694 | 0.3437 | 0.1542 | 0.0247 | 0.5227 |
| 63 | 9.92 | 9.9 | 3.175 | 2.2928 | -0.0011 | 5.4667 | 0.3493 | 0.1521 | 0.0261 | 0.5275 |
| 64 | 10.1 | 9.91 | 3.1721 | 2.2927 | -0.0012 | 5.4636 | 0.3585 | 0.1571 | 0.028 | 0.5435 |
| 65 | 10.3 | 9.91 | 3.1701 | 2.2925 | -0.0013 | 5.4612 | 0.3425 | 0.1625 | 0.0264 | 0.5314 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 10.5 | 9.91 | 3.1696 | 2.2919 | -0.0013 | 5.4601 | 0.3265 | 0.1692 | 0.0239 | 0.5197 |
| 67 | 10.1 | 9.93 | 3.1693 | 2.2913 | -0.0013 | 5.4592 | 0.311 | 0.17 | 0.022 | 0.503 |
| 68 | 10.2 | 9.94 | 3.1678 | 2.2912 | -0.0012 | 5.4578 | 0.283 | 0.1724 | 0.0192 | 0.4746 |
| 69 | 9.8 | 9.91 | 3.1655 | 2.291 | -0.0012 | 5.4554 | 0.2501 | 0.1776 | 0.0169 | 0.4445 |
| 70 | 9.57 | 9.85 | 3.1638 | 2.291 | -0.0014 | 5.4534 | 0.2326 | 0.1784 | 0.0167 | 0.4276 |
| 71 | 9.34 | 9.79 | 3.1619 | 2.291 | -0.0014 | 5.4515 | 0.2152 | 0.174 | 0.0174 | 0.4065 |
| 72 | 9.72 | 9.8 | 3.1615 | 2.2913 | -0.0013 | 5.4514 | 0.1981 | 0.1726 | 0.0142 | 0.3849 |
| 73 | 9.96 | 9.8 | 3.1606 | 2.2912 | -0.0014 | 5.4504 | 0.192 | 0.1682 | 0.0132 | 0.3734 |
| 74 | 9.68 | 9.78 | 3.1611 | 2.2911 | -0.0014 | 5.4507 | 0.1844 | 0.1684 | 0.0137 | 0.3664 |
| 75 | 9.4 | 9.78 | 3.1609 | 2.2909 | -0.0015 | 5.4503 | 0.1666 | 0.1727 | 0.0159 | 0.3552 |
| 76 | 9.8 | 9.73 | 3.1608 | 2.2905 | -0.0015 | 5.4497 | 0.1377 | 0.1681 | 0.0146 | 0.3204 |
| 77 | 9.67 | 9.7 | 3.1619 | 2.2897 | -0.0017 | 5.4499 | 0.1215 | 0.1652 | 0.0142 | 0.3009 |
| 78 | 9.53 | 9.64 | 3.1625 | 2.289 | -0.0018 | 5.4497 | 0.1305 | 0.1656 | 0.0165 | 0.3127 |
| 79 | 9.44 | 9.62 | 3.1622 | 2.2886 | -0.0017 | 5.4492 | 0.1334 | 0.1631 | 0.02 | 0.3165 |
| 80 | 9.33 | 9.62 | 3.1645 | 2.288 | -0.0016 | 5.4509 | 0.1439 | 0.1631 | 0.021 | 0.328 |
| 81 | 9.91 | 9.62 | 3.1665 | 2.2874 | -0.0014 | 5.4525 | 0.1497 | 0.16 | 0.0218 | 0.3314 |
| 82 | 9.98 | 9.57 | 3.1682 | 2.287 | -0.0015 | 5.4537 | 0.1533 | 0.1625 | 0.0199 | 0.3357 |
| 83 | 9.7 | 9.52 | 3.1717 | 2.2865 | -0.0016 | 5.4566 | 0.1756 | 0.163 | 0.0184 | 0.357 |
| 84 | 10.1 | 9.53 | 3.1718 | 2.2866 | -0.0016 | 5.4568 | 0.2101 | 0.1636 | 0.019 | 0.3927 |
| 85 | 9.61 | 9.55 | 3.171 | 2.2864 | -0.0015 | 5.4559 | 0.2398 | 0.1636 | 0.0196 | 0.423 |
| 86 | 9.54 | 9.56 | 3.1698 | 2.2863 | -0.0016 | 5.4544 | 0.2622 | 0.1596 | 0.0174 | 0.4392 |
| 87 | 9.05 | 9.56 | 3.1687 | 2.2862 | -0.0016 | 5.4532 | 0.2688 | 0.1507 | 0.0138 | 0.4334 |
| 88 | 9.46 | 9.55 | 3.1674 | 2.2859 | -0.0017 | 5.4516 | 0.2644 | 0.1409 | 0.0139 | 0.4192 |
| 89 | 9.47 | 9.56 | 3.1654 | 2.2856 | -0.0017 | 5.4494 | 0.2647 | 0.1343 | 0.0142 | 0.4132 |
| 90 | 9.41 | 9.61 | 3.1638 | 2.2848 | -0.0016 | 5.447 | 0.2669 | 0.126 | 0.0124 | 0.4053 |
| 91 | 8.76 | 9.58 | 3.1631 | 2.2849 | -0.0018 | 5.4462 | 0.2787 | 0.1162 | 0.0094 | 0.4043 |
| 92 | 9.01 | 9.52 | 3.1629 | 2.2845 | -0.0018 | 5.4455 | 0.2888 | 0.1178 | 0.006 | 0.4125 |
| 93 | 9.85 | 9.53 | 3.1636 | 2.2841 | -0.0021 | 5.4456 | 0.291 | 0.115 | 0.006 | 0.412 |
| 94 | 9.7 | 9.47 | 3.1642 | 2.2836 | -0.0021 | 5.4456 | 0.271 | 0.1139 | 0.0063 | 0.3912 |
| 95 | 9.99 | 9.44 | 3.1648 | 2.2832 | -0.0021 | 5.4458 | 0.2486 | 0.1078 | 0.007 | 0.3635 |
| 96 | 9.68 | 9.42 | 3.1653 | 2.283 | -0.0023 | 5.446 | 0.2242 | 0.102 | 0.0086 | 0.3348 |
| 97 | 9.5 | 9.44 | 3.1661 | 2.2826 | -0.0024 | 5.4463 | 0.2021 | 0.1022 | 0.0098 | 0.3141 |
| 98 | 9.57 | 9.45 | 3.1667 | 2.2822 | -0.0023 | 5.4466 | 0.209 | 0.1021 | 0.0067 | 0.3179 |
| 99 | 10.3 | 9.43 | 3.1672 | 2.282 | -0.0022 | 5.4469 | 0.2271 | 0.0975 | 0.0046 | 0.3293 |
| 100 | 9.23 | 9.41 | 3.1677 | 2.2817 | -0.0022 | 5.4473 | 0.2301 | 0.0893 | 0.0031 | 0.3224 |
| 101 | 8.92 | 9.41 | 3.1682 | 2.2815 | -0.002 | 5.4477 | 0.2144 | 0.0865 | 0.0038 | 0.3047 |
| 102 | 9.79 | 9.41 | 3.1683 | 2.2815 | -0.002 | 5.4478 | 0.1905 | 0.0847 | 0.0027 | 0.2779 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 103 | 9.08 | 9.4 | 3.1684 | 2.2816 | -0.0019 | 5.4481 | 0.1882 | 0.0804 | 0.0018 | 0.2704 |
| 104 | 8.97 | 9.37 | 3.1682 | 2.2818 | -0.0021 | 5.4479 | 0.1682 | 0.0798 | 0.0004 | 0.2484 |
| 105 | 9.16 | 9.35 | 3.1685 | 2.2817 | -0.0022 | 5.448 | 0.1298 | 0.0857 | -0.001 | 0.2145 |
| 106 | 9.59 | 9.33 | 3.1688 | 2.2818 | -0.0022 | 5.4484 | 0.082 | 0.0913 | -0.0005 | 0.1728 |
| 107 | 9.61 | 9.33 | 3.1691 | 2.2814 | -0.0023 | 5.4482 | 0.0351 | 0.0931 | 0.0015 | 0.1297 |
| 108 | 9.08 | 9.32 | 3.1688 | 2.281 | -0.0023 | 5.4475 | 0.0112 | 0.0934 | 0.0013 | 0.106 |
| 109 | 9.01 | 9.29 | 3.1674 | 2.2812 | -0.0025 | 5.446 | 0.0171 | 0.0921 | 0.0008 | 0.11 |
| 110 | 8.84 | 9.31 | 3.1653 | 2.2815 | -0.0028 | 5.444 | 0.0359 | 0.0882 | 0.005 | 0.129 |
| 111 | 8.83 | 9.37 | 3.1636 | 2.2816 | -0.0035 | 5.4417 | 0.0557 | 0.0858 | 0.01 | 0.1515 |
| 112 | 9.73 | 9.35 | 3.1626 | 2.2807 | -0.0036 | 5.4398 | 0.0708 | 0.0908 | 0.011 | 0.1727 |
| 113 | 9.23 | 9.35 | 3.1631 | 2.2795 | -0.0038 | 5.4388 | 0.0877 | 0.0897 | 0.0099 | 0.1873 |
| 114 | 9.52 | 9.35 | 3.1638 | 2.2785 | -0.0036 | 5.4387 | 0.0723 | 0.0948 | 0.0063 | 0.1734 |
| 115 | 9.27 | 9.34 | 3.1641 | 2.2775 | -0.0034 | 5.4382 | 0.0475 | 0.098 | 0.0052 | 0.1506 |
| 116 | 9.43 | 9.3 | 3.1644 | 2.2774 | -0.0032 | 5.4386 | 0.0245 | 0.0959 | 0.0039 | 0.1243 |
| 117 | 9.54 | 9.24 | 3.165 | 2.2773 | -0.003 | 5.4393 | -0.0062 | 0.0862 | 0.0036 | 0.0835 |
| 118 | 9.57 | 9.23 | 3.1658 | 2.2771 | -0.0029 | 5.44 | -0.0216 | 0.0771 | 0.0048 | 0.0604 |
| 119 | 9.7 | 9.2 | 3.1662 | 2.2767 | -0.003 | 5.4398 | -0.0371 | 0.0738 | 0.0066 | 0.0433 |
| 120 | 9.98 | 9.18 | 3.1666 | 2.277 | -0.0029 | 5.4407 | -0.0545 | 0.0705 | 0.008 | 0.024 |
| 121 | 9.54 | 9.16 | 3.1672 | 2.277 | -0.0027 | 5.4414 | -0.0694 | 0.0722 | 0.0062 | 0.009 |
| 122 | 9.09 | 9.08 | 3.1673 | 2.2772 | -0.0026 | 5.4419 | -0.0855 | 0.0749 | 0.0058 | -0.0048 |
| 123 | 8.85 | 9.02 | 3.1673 | 2.2773 | -0.0026 | 5.442 | -0.0929 | 0.0799 | 0.0062 | -0.0068 |
| 124 | 8.99 | 8.96 | 3.1676 | 2.2768 | -0.003 | 5.4415 | -0.1018 | 0.0774 | 0.0056 | -0.0188 |
| 125 | 8.78 | 8.93 | 3.1684 | 2.2773 | -0.0028 | 5.4429 | -0.0902 | 0.0792 | 0.0042 | -0.0068 |
| 126 | 8.53 | 8.9 | 3.1691 | 2.2776 | -0.0028 | 5.4439 | -0.0906 | 0.0823 | 0.0024 | -0.006 |
| 127 | 8.92 | 8.85 | 3.1692 | 2.2771 | -0.003 | 5.4433 | -0.098 | 0.0856 | 0.0008 | -0.0116 |
| 128 | 8.42 | 8.82 | 3.1696 | 2.2772 | -0.0033 | 5.4435 | -0.1011 | 0.0848 | -0.0006 | -0.0169 |
| 129 | 8.57 | 8.85 | 3.1695 | 2.2769 | -0.0034 | 5.443 | -0.1124 | 0.0799 | -0.0017 | -0.0342 |
| 130 | 8.33 | 8.8 | 3.1696 | 2.2771 | -0.0034 | 5.4434 | -0.1205 | 0.0785 | -0.0002 | -0.0423 |
| 131 | 8.19 | 8.79 | 3.1703 | 2.2769 | -0.0033 | 5.4439 | -0.0986 | 0.072 | -0.0001 | -0.0267 |
| 132 | 8.08 | 8.81 | 3.1707 | 2.2765 | -0.0032 | 5.444 | -0.1008 | 0.0671 | 0.002 | -0.0317 |
| 133 | 8.4 | 8.82 | 3.1704 | 2.2765 | -0.0032 | 5.4437 | -0.0991 | 0.0623 | 0.0012 | -0.0356 |
| 134 | 8.83 | 8.84 | 3.1703 | 2.2766 | -0.0033 | 5.4435 | -0.0647 | 0.0572 | 0.001 | -0.0065 |
| 135 | 8.7 | 8.87 | 3.1707 | 2.2767 | -0.0031 | 5.4444 | -0.059 | 0.0576 | 0.0013 | -0.0002 |
| 136 | 8.68 | 8.92 | 3.1723 | 2.2774 | -0.0027 | 5.447 | -0.0544 | 0.0549 | 0.0016 | 0.0021 |
| 137 | 9.06 | 8.92 | 3.1736 | 2.2782 | -0.0027 | 5.4491 | -0.0458 | 0.0536 | 0.0018 | 0.0096 |
| 138 | 10.2 | 8.94 | 3.1737 | 2.2787 | -0.0028 | 5.4496 | -0.0361 | 0.0547 | 0.0026 | 0.0212 |
| 139 | 9.03 | 8.96 | 3.1739 | 2.2793 | -0.0026 | 5.4506 | -0.0229 | 0.0577 | 0.0015 | 0.0363 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 9.3 | 8.98 | 3.1735 | 2.2803 | -0.0021 | 5.4517 | -0.0278 | 0.0592 | 0.0019 | 0.0333 |
| 141 | 9.52 | 9.01 | 3.1733 | 2.2802 | -0.0019 | 5.4516 | -0.0351 | 0.0501 | 0.0038 | 0.0188 |
| 142 | 9.12 | 9.04 | 3.1742 | 2.2802 | -0.0019 | 5.4526 | -0.0327 | 0.0516 | 0.0002 | 0.019 |
| 143 | 9.36 | 9.07 | 3.1763 | 2.2805 | -0.0019 | 5.4549 | -0.0229 | 0.0549 | 0.0007 | 0.0328 |
| 144 | 9.34 | 9.09 | 3.1787 | 2.2813 | -0.0019 | 5.458 | -0.0092 | 0.0574 | -0.0023 | 0.0459 |
| 145 | 9.38 | 9.13 | 3.1794 | 2.282 | -0.002 | 5.4594 | -0.0065 | 0.0554 | -0.003 | 0.046 |
| 146 | 8.87 | 9.19 | 3.1787 | 2.2822 | -0.0019 | 5.459 | -0.0057 | 0.0517 | -0.0039 | 0.0421 |
| 147 | 8.97 | 9.24 | 3.1773 | 2.2823 | -0.0016 | 5.4579 | 0.0009 | 0.0497 | -0.0048 | 0.0458 |
| 148 | 8.86 | 9.23 | 3.1759 | 2.2826 | -0.0017 | 5.4568 | 0.0142 | 0.0468 | -0.0044 | 0.0566 |
| 149 | 8.62 | 9.27 | 3.1758 | 2.2831 | -0.0017 | 5.4572 | 0.0371 | 0.0431 | -0.002 | 0.0781 |
| 150 | 8.9 | 9.3 | 3.1757 | 2.2832 | -0.0016 | 5.4573 | 0.0597 | 0.0429 | 0.0006 | 0.1032 |
| 151 | 8.69 | 9.34 | 3.1757 | 2.2836 | -0.0015 | 5.4579 | 0.0718 | 0.0458 | 0.0019 | 0.1194 |
| 152 | 8.97 | 9.43 | 3.1767 | 2.284 | -0.0014 | 5.4593 | 0.0858 | 0.0431 | 0.0039 | 0.1328 |
| 153 | 9.14 | 9.5 | 3.1783 | 2.2838 | -0.0014 | 5.4608 | 0.0921 | 0.0444 | 0.0041 | 0.1406 |
| 154 | 9.53 | 9.55 | 3.18 | 2.2834 | -0.0014 | 5.462 | 0.0915 | 0.0615 | 0.0053 | 0.1583 |
| 155 | 9.79 | 9.61 | 3.1822 | 2.2831 | -0.0014 | 5.4639 | 0.0834 | 0.0697 | 0.0012 | 0.1544 |
| 156 | 10.1 | 9.71 | 3.1842 | 2.283 | -0.0016 | 5.4656 | 0.0794 | 0.0753 | -0.0007 | 0.154 |
| 157 | 9.88 | 9.75 | 3.1843 | 2.2833 | -0.0016 | 5.4659 | 0.0705 | 0.0821 | 0 | 0.1527 |
| 158 | 9.9 | 9.81 | 3.1818 | 2.2835 | -0.0015 | 5.4638 | 0.057 | 0.0823 | 0.0008 | 0.1401 |
| 159 | 9.81 | 9.91 | 3.1786 | 2.2836 | -0.0017 | 5.4605 | 0.0418 | 0.079 | 0.0031 | 0.1239 |
| 160 | 10.3 | 10 | 3.1748 | 2.284 | -0.0021 | 5.4567 | 0.0138 | 0.0819 | 0.0037 | 0.0993 |
| 161 | 10.8 | 10.1 | 3.1719 | 2.2841 | -0.0021 | 5.4539 | -0.018 | 0.0872 | 0.0037 | 0.0729 |
| 162 | 10.8 | 10.1 | 3.1688 | 2.2839 | -0.002 | 5.4507 | -0.0448 | 0.0888 | -0.0019 | 0.0422 |
| 163 | 10.2 | 10.2 | 3.1678 | 2.2833 | -0.0018 | 5.4494 | -0.0622 | 0.0836 | -0.0023 | 0.0191 |
| 164 | 10.6 | 10.2 | 3.1673 | 2.2829 | -0.0018 | 5.4485 | -0.0615 | 0.0786 | -0.0028 | 0.0143 |
| 165 | 10.8 | 10.1 | 3.1676 | 2.2829 | -0.0017 | 5.4488 | -0.0543 | 0.0765 | -0.0007 | 0.0214 |
| 166 | 9.75 | 10.1 | 3.1702 | 2.2833 | -0.0017 | 5.4518 | -0.0542 | 0.0694 | 0.001 | 0.0163 |
| 167 | 9.89 | 10.1 | 3.1714 | 2.2836 | -0.0018 | 5.4532 | -0.0598 | 0.0724 | 0.0015 | 0.014 |
| 168 | 10.6 | 10.1 | 3.1715 | 2.2839 | -0.0019 | 5.4535 | -0.0637 | 0.0746 | 0.0004 | 0.0112 |
| 169 | 10.5 | 10 | 3.171 | 2.284 | -0.002 | 5.453 | -0.062 | 0.0735 | 0.0027 | 0.0142 |
| 170 | 10.2 | 9.97 | 3.1708 | 2.2838 | -0.002 | 5.4525 | -0.0636 | 0.0688 | 0.0012 | 0.0063 |
| 171 | 10.3 | 9.89 | 3.1704 | 2.2835 | -0.002 | 5.452 | -0.0669 | 0.074 | 0.0011 | 0.0082 |
| 172 | 9.69 | 9.79 | 3.1708 | 2.2833 | -0.0019 | 5.4521 | -0.0674 | 0.0735 | 0.0022 | 0.0084 |
| 173 | 9.44 | 9.77 | 3.1708 | 2.2835 | -0.002 | 5.4523 | -0.068 | 0.0743 | 0.0023 | 0.0087 |
| 174 | 9.21 | 9.72 | 3.1701 | 2.2832 | -0.0018 | 5.4514 | -0.0708 | 0.0731 | 0.0048 | 0.0071 |
| 175 | 9.28 | 9.65 | 3.17 | 2.2826 | -0.0017 | 5.4509 | -0.0689 | 0.0658 | 0.0038 | 0.0007 |
| 176 | 9.18 | 9.62 | 3.1706 | 2.2819 | -0.0016 | 5.4509 | -0.0635 | 0.0747 | 0.0031 | 0.0142 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 177 | 9.61 | 9.59 | 3.172 | 2.2812 | -0.0016 | 5.4516 | -0.0592 | 0.077 | 0.0002 | 0.018 |
| 178 | 9.05 | 9.51 | 3.1737 | 2.281 | -0.0016 | 5.4532 | -0.0647 | 0.0742 | -0.0005 | 0.009 |
| 179 | 9.4 | 9.45 | 3.1743 | 2.2808 | -0.0017 | 5.4534 | -0.0646 | 0.0684 | -0.0028 | 0.001 |
| 180 | 9.31 | 9.38 | 3.1744 | 2.2808 | -0.0016 | 5.4536 | -0.0687 | 0.0636 | -0.007 | -0.0122 |
| 181 | 9.03 | 9.32 | 3.1765 | 2.2807 | -0.0016 | 5.4556 | -0.0729 | 0.0605 | -0.0088 | -0.0211 |
| 182 | 9.69 | 9.29 | 3.1781 | 2.2807 | -0.0016 | 5.4572 | -0.0745 | 0.0563 | -0.0075 | -0.0257 |
| 183 | 9.74 | 9.32 | 3.1781 | 2.2808 | -0.0017 | 5.4572 | -0.0781 | 0.054 | -0.0087 | -0.0328 |
| 184 | 9.31 | 9.34 | 3.1777 | 2.2808 | -0.0017 | 5.4568 | -0.0826 | 0.0519 | -0.0114 | -0.0421 |
| 185 | 9.33 | 9.34 | 3.1764 | 2.281 | -0.0017 | 5.4557 | -0.0876 | 0.05 | -0.0138 | -0.0514 |
| 186 | 9.23 | 9.35 | 3.1743 | 2.2809 | -0.0018 | 5.4534 | -0.0901 | 0.0487 | -0.011 | -0.0523 |
| 187 | 9.03 | 9.32 | 3.1723 | 2.2808 | -0.0019 | 5.4511 | -0.0778 | 0.0525 | -0.0068 | -0.0321 |
| 188 | 9.49 | 9.34 | 3.1696 | 2.2801 | -0.0018 | 5.4479 | -0.0753 | 0.0563 | -0.0079 | -0.0269 |
| 189 | 8.95 | 9.35 | 3.1682 | 2.2797 | -0.0019 | 5.446 | -0.0894 | 0.0639 | -0.0088 | -0.0342 |
| 190 | 9.14 | 9.34 | 3.1673 | 2.2798 | -0.002 | 5.4451 | -0.1043 | 0.0747 | -0.005 | -0.0345 |
| 191 | 9.1 | 9.34 | 3.1664 | 2.2797 | -0.0018 | 5.4443 | -0.1203 | 0.089 | 0.0006 | -0.0307 |
| 192 | 9.97 | 9.32 | 3.1651 | 2.279 | -0.0019 | 5.4422 | -0.1318 | 0.09 | 0.003 | -0.0388 |
| 193 | 9.52 | 9.29 | 3.1645 | 2.2784 | -0.0019 | 5.441 | -0.1157 | 0.0892 | 0.0036 | -0.0229 |
| 194 | 9.4 | 9.29 | 3.1648 | 2.278 | -0.0018 | 5.441 | -0.0864 | 0.094 | 0.004 | 0.0117 |
| 195 | 9.25 | 9.27 | 3.1653 | 2.278 | -0.0018 | 5.4416 | -0.0528 | 0.1048 | 0.0048 | 0.0567 |
| 196 | 9.19 | 9.26 | 3.1652 | 2.278 | -0.0018 | 5.4414 | -0.0329 | 0.1163 | 0.006 | 0.0895 |
| 197 | 9.36 | 9.28 | 3.1647 | 2.2779 | -0.002 | 5.4406 | -0.0371 | 0.1218 | 0.0086 | 0.0933 |
| 198 | 9.5 | 9.3 | 3.163 | 2.2779 | -0.0021 | 5.4388 | -0.0541 | 0.1389 | 0.0136 | 0.0985 |
| 199 | 9.28 | 9.32 | 3.1612 | 2.2777 | -0.0023 | 5.4366 | -0.0701 | 0.1459 | 0.0155 | 0.0912 |
| 200 | 8.98 | 9.31 | 3.1605 | 2.2772 | -0.0024 | 5.4353 | -0.0767 | 0.1607 | 0.0191 | 0.1031 |
| 201 | 9.2 | 9.29 | 3.1596 | 2.2772 | -0.0024 | 5.4344 | -0.0868 | 0.1714 | 0.0199 | 0.1045 |
| 202 | 9.22 | 9.25 | 3.1591 | 2.2771 | -0.0024 | 5.4338 | -0.0942 | 0.1857 | 0.0195 | 0.111 |
| 203 | 9.29 | 9.23 | 3.1592 | 2.2755 | -0.0025 | 5.4322 | -0.0887 | 0.194 | 0.0185 | 0.1239 |
| 204 | 8.94 | 9.21 | 3.1599 | 2.2748 | -0.0022 | 5.4325 | -0.0746 | 0.1907 | 0.0174 | 0.1335 |
| 205 | 9.08 | 9.21 | 3.1605 | 2.2742 | -0.0021 | 5.4326 | -0.062 | 0.1865 | 0.019 | 0.1434 |
| 206 | 9.4 | 9.2 | 3.1618 | 2.2736 | -0.0022 | 5.4332 | -0.0457 | 0.1822 | 0.0215 | 0.158 |
| 207 | 9.83 | 9.22 | 3.1634 | 2.2732 | -0.0023 | 5.4342 | -0.0316 | 0.1819 | 0.0205 | 0.1708 |
| 208 | 9.33 | 9.19 | 3.1646 | 2.2731 | -0.0026 | 5.4351 | -0.0344 | 0.1816 | 0.0229 | 0.1702 |
| 209 | 9.06 | 9.19 | 3.166 | 2.273 | -0.0029 | 5.4361 | -0.0643 | 0.19 | 0.0219 | 0.1476 |
| 210 | 8.71 | 9.2 | 3.1671 | 2.2728 | -0.0031 | 5.4367 | -0.0999 | 0.1925 | 0.0192 | 0.1117 |
| 211 | 9.16 | 9.21 | 3.168 | 2.2727 | -0.0033 | 5.4375 | -0.1461 | 0.2 | 0.017 | 0.0709 |
| 212 | 9.2 | 9.2 | 3.1688 | 2.2724 | -0.0034 | 5.4378 | -0.1813 | 0.2056 | 0.0166 | 0.041 |
| 213 | 9.03 | 9.18 | 3.1693 | 2.2716 | -0.0035 | 5.4374 | -0.2202 | 0.2031 | 0.0156 | -0.0015 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 214 | 9.14 | 9.15 | 3.1692 | 2.2708 | -0.0035 | 5.4366 | -0.2381 | 0.1981 | 0.0159 | -0.0242 |
| 215 | 9 | 9.11 | 3.1695 | 2.2706 | -0.0035 | 5.4366 | -0.2468 | 0.1943 | 0.0142 | -0.0383 |
| 216 | 9.87 | 9.04 | 3.1704 | 2.2702 | -0.0033 | 5.4372 | -0.2463 | 0.1914 | 0.0136 | -0.0413 |
| 217 | 8.92 | 8.95 | 3.1713 | 2.2698 | -0.003 | 5.4382 | -0.2202 | 0.189 | 0.014 | -0.0172 |
| 218 | 9.16 | 8.87 | 3.172 | 2.2697 | -0.0031 | 5.4386 | -0.2123 | 0.1897 | 0.0159 | -0.0067 |
| 219 | 9.34 | 8.83 | 3.1725 | 2.2698 | -0.0032 | 5.4392 | -0.222 | 0.1957 | 0.0151 | -0.0112 |
| 220 | 9.32 | 8.81 | 3.1733 | 2.2696 | -0.0031 | 5.4398 | -0.2337 | 0.1963 | 0.0161 | -0.0213 |
| 221 | 9.01 | 8.79 | 3.1739 | 2.2697 | -0.0029 | 5.4406 | -0.2422 | 0.196 | 0.0166 | -0.0295 |
| 222 | 8.93 | 8.76 | 3.1741 | 2.2698 | -0.0028 | 5.441 | -0.2477 | 0.1899 | 0.0144 | -0.0435 |
| 223 | 8.44 | 8.75 | 3.1744 | 2.27 | -0.0031 | 5.4413 | -0.2424 | 0.1862 | 0.0123 | -0.0439 |
| 224 | 8.25 | 8.75 | 3.1745 | 2.2703 | -0.0034 | 5.4414 | -0.2414 | 0.1857 | 0.0114 | -0.0443 |
| 225 | 8.14 | 8.73 | 3.1748 | 2.2698 | -0.0031 | 5.4415 | -0.2498 | 0.1819 | 0.012 | -0.056 |
| 226 | 7.96 | 8.68 | 3.175 | 2.2699 | -0.0028 | 5.4421 | -0.2522 | 0.1743 | 0.0126 | -0.0652 |
| 227 | 7.97 | 8.69 | 3.1757 | 2.2697 | -0.0029 | 5.4424 | -0.2423 | 0.1616 | 0.013 | -0.0678 |
| 228 | 8.25 | 8.7 | 3.1761 | 2.2704 | -0.003 | 5.4434 | -0.2277 | 0.1531 | 0.013 | -0.0615 |
| 229 | 8.29 | 8.7 | 3.1764 | 2.2706 | -0.0027 | 5.4442 | -0.2087 | 0.1502 | 0.0167 | -0.0419 |
| 230 | 8.7 | 8.7 | 3.1769 | 2.271 | -0.0025 | 5.4455 | -0.2001 | 0.151 | 0.016 | -0.033 |
| 231 | 8.71 | 8.72 | 3.1777 | 2.2713 | -0.0026 | 5.4465 | -0.2037 | 0.1533 | 0.0172 | -0.0331 |
| 232 | 8.84 | 8.77 | 3.1785 | 2.2711 | -0.0024 | 5.4473 | -0.1869 | 0.1554 | 0.0188 | -0.0127 |
| 233 | 9.09 | 8.87 | 3.1787 | 2.2713 | -0.0021 | 5.448 | -0.1668 | 0.1535 | 0.0197 | 0.0064 |
| 234 | 8.76 | 8.96 | 3.179 | 2.2716 | -0.0019 | 5.4487 | -0.161 | 0.1568 | 0.0247 | 0.0206 |
| 235 | 8.78 | 9.02 | 3.1797 | 2.2719 | -0.002 | 5.4496 | -0.1646 | 0.1651 | 0.0269 | 0.0274 |
| 236 | 9.09 | 9.08 | 3.1801 | 2.2721 | -0.002 | 5.4502 | -0.1799 | 0.1743 | 0.0286 | 0.023 |
| 237 | 9.47 | 9.19 | 3.1811 | 2.2726 | -0.0019 | 5.4518 | -0.2 | 0.1836 | 0.0284 | 0.0119 |
| 238 | 9.27 | 9.28 | 3.1826 | 2.2723 | -0.0019 | 5.453 | -0.2156 | 0.1907 | 0.0265 | 0.0016 |
| 239 | 9.33 | 9.34 | 3.1843 | 2.2719 | -0.0021 | 5.4541 | -0.2414 | 0.192 | 0.0243 | -0.0251 |
| 240 | 9.38 | 9.39 | 3.1855 | 2.2714 | -0.0022 | 5.4547 | -0.2579 | 0.1948 | 0.0212 | -0.0419 |
| 241 | 9.96 | 9.44 | 3.1865 | 2.2712 | -0.0022 | 5.4555 | -0.2672 | 0.2072 | 0.018 | -0.0421 |
| 242 | 10.2 | 9.48 | 3.1858 | 2.2713 | -0.0023 | 5.4548 | -0.2812 | 0.2152 | 0.0167 | -0.0493 |
| 243 | 10 | 9.53 | 3.1849 | 2.2711 | -0.0023 | 5.4538 | -0.2951 | 0.2214 | 0.0144 | -0.0593 |
| 244 | 9.31 | 9.57 | 3.184 | 2.2708 | -0.0024 | 5.4524 | -0.3043 | 0.2123 | 0.0169 | -0.0751 |
| 245 | 9.17 | 9.62 | 3.1827 | 2.2704 | -0.0026 | 5.4505 | -0.3008 | 0.2009 | 0.0194 | -0.0805 |
| 246 | 10 | 9.62 | 3.1824 | 2.27 | -0.0028 | 5.4496 | -0.2921 | 0.1964 | 0.0215 | -0.0742 |
| 247 | 9.89 | 9.58 | 3.1827 | 2.2684 | -0.003 | 5.4481 | -0.2928 | 0.1978 | 0.0213 | -0.0736 |
| 248 | 9.49 | 9.57 | 3.1829 | 2.268 | -0.0032 | 5.4477 | -0.3005 | 0.196 | 0.0181 | -0.0865 |
| 249 | 9.7 | 9.56 | 3.1835 | 2.267 | -0.0036 | 5.4469 | -0.3196 | 0.1923 | 0.0155 | -0.1119 |
| 250 | 9.66 | 9.53 | 3.1844 | 2.2661 | -0.0036 | 5.4469 | -0.3397 | 0.1852 | 0.0126 | -0.1419 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 251 | 9.62 | 9.48 | 3.1852 | 2.2651 | -0.0034 | 5.4468 | -0.3541 | 0.1805 | 0.0102 | -0.1634 |
| 252 | 9.9 | 9.39 | 3.1856 | 2.2646 | -0.0033 | 5.4469 | -0.3711 | 0.181 | 0.008 | -0.182 |
| 253 | 9.61 | 9.33 | 3.1858 | 2.2648 | -0.0031 | 5.4474 | -0.3811 | 0.1816 | 0.0068 | -0.1927 |
| 254 | 9.6 | 9.32 | 3.1862 | 2.2647 | -0.0033 | 5.4476 | -0.3809 | 0.1643 | 0.0057 | -0.211 |
| 255 | 9.27 | 9.31 | 3.1868 | 2.2649 | -0.0036 | 5.4481 | -0.3729 | 0.1531 | 0.0098 | -0.21 |
| 256 | 8.68 | 9.27 | 3.1873 | 2.2648 | -0.0036 | 5.4486 | -0.3611 | 0.1431 | 0.013 | -0.205 |
| 257 | 9.02 | 9.22 | 3.1877 | 2.2651 | -0.0039 | 5.4489 | -0.3451 | 0.1383 | 0.0145 | -0.1923 |
| 258 | 9.18 | 9.23 | 3.1882 | 2.2645 | -0.0037 | 5.449 | -0.334 | 0.1345 | 0.0136 | -0.1859 |
| 259 | 8.83 | 9.19 | 3.1886 | 2.2644 | -0.0036 | 5.4494 | -0.3296 | 0.134 | 0.0123 | -0.1833 |
| 260 | 8.94 | 9.13 | 3.1894 | 2.264 | -0.0038 | 5.4496 | -0.3204 | 0.1358 | 0.0123 | -0.1723 |
| 261 | 8.56 | 9.1 | 3.1901 | 2.2635 | -0.0038 | 5.4498 | -0.3146 | 0.1327 | 0.0105 | -0.1715 |
| 262 | 8.93 | 9.05 | 3.1908 | 2.2636 | -0.0036 | 5.4508 | -0.3056 | 0.1321 | 0.0101 | -0.1634 |
| 263 | 9.12 | 9.01 | 3.1916 | 2.2635 | -0.0033 | 5.4518 | -0.3008 | 0.1268 | 0.0092 | -0.1648 |
| 264 | 8.93 | 8.99 | 3.192 | 2.2635 | -0.0032 | 5.4523 | -0.3026 | 0.1192 | 0.0061 | -0.1772 |
| 265 | 9.28 | 8.97 | 3.1922 | 2.2638 | -0.0031 | 5.4529 | -0.3037 | 0.1117 | 0.0051 | -0.1869 |
| 266 | 8.95 | 8.98 | 3.1922 | 2.2644 | -0.0031 | 5.4535 | -0.2994 | 0.1112 | 0.0014 | -0.1869 |
| 267 | 9.69 | 8.95 | 3.1927 | 2.2646 | -0.0034 | 5.4539 | -0.2877 | 0.1096 | 0.0015 | -0.1766 |
| 268 | 8.83 | 8.93 | 3.1937 | 2.2643 | -0.0034 | 5.4546 | -0.275 | 0.1069 | 0.0053 | -0.1628 |
| 269 | 8.61 | 8.9 | 3.1944 | 2.2644 | -0.0036 | 5.4551 | -0.2656 | 0.1081 | 0.0035 | -0.1541 |
| 270 | 8.96 | 8.9 | 3.195 | 2.2642 | -0.0037 | 5.4555 | -0.2566 | 0.1131 | 0.0017 | -0.1417 |
| 271 | 8.9 | 8.9 | 3.1952 | 2.2645 | -0.0034 | 5.4563 | -0.2465 | 0.1128 | 0.0025 | -0.1312 |
| 272 | 9 | 8.88 | 3.195 | 2.2647 | -0.0032 | 5.4565 | -0.2304 | 0.1118 | 0.0001 | -0.1186 |
| 273 | 9.03 | 8.89 | 3.195 | 2.2649 | -0.0031 | 5.4567 | -0.226 | 0.1204 | -0.0013 | -0.1069 |
| 274 | 9.05 | 8.88 | 3.1951 | 2.265 | -0.003 | 5.457 | -0.2279 | 0.1295 | -0.0049 | -0.1033 |
| 275 | 8.73 | 8.88 | 3.1952 | 2.2652 | -0.003 | 5.4574 | -0.225 | 0.1297 | -0.0062 | -0.1016 |
| 276 | 8.6 | 8.9 | 3.1948 | 2.2657 | -0.0029 | 5.4576 | -0.2177 | 0.1139 | -0.0067 | -0.1104 |
| 277 | 8.63 | 8.87 | 3.1948 | 2.2659 | -0.0029 | 5.4578 | -0.2181 | 0.1112 | -0.0043 | -0.1113 |
| 278 | 8.39 | 8.88 | 3.1946 | 2.266 | -0.0033 | 5.4573 | -0.2166 | 0.1079 | -0.0034 | -0.1121 |
| 279 | 8.86 | 8.89 | 3.1943 | 2.2657 | -0.0033 | 5.4567 | -0.2202 | 0.1047 | -0.0016 | -0.1171 |
| 280 | 8.53 | 8.9 | 3.1948 | 2.2655 | -0.0033 | 5.4569 | -0.2243 | 0.1038 | 0.0043 | -0.1163 |
| 281 | 8.61 | 8.93 | 3.1952 | 2.2652 | -0.0035 | 5.4569 | -0.2194 | 0.1097 | 0.0063 | -0.1034 |
| 282 | 9.26 | 8.9 | 3.1948 | 2.2654 | -0.0036 | 5.4566 | -0.209 | 0.1119 | 0.0063 | -0.0909 |
| 283 | 8.82 | 8.9 | 3.1942 | 2.2651 | -0.0042 | 5.4552 | -0.2009 | 0.1075 | 0.0093 | -0.0841 |
| 284 | 9.18 | 8.91 | 3.1941 | 2.2643 | -0.0044 | 5.4541 | -0.1949 | 0.1009 | 0.0132 | -0.0808 |
| 285 | 9.33 | 8.94 | 3.1944 | 2.2635 | -0.0046 | 5.4534 | -0.1925 | 0.106 | 0.0148 | -0.0717 |
| 286 | 9.08 | 8.95 | 3.1943 | 2.2626 | -0.0047 | 5.4523 | -0.1917 | 0.1107 | 0.0151 | -0.0659 |
| 287 | 9.18 | 8.95 | 3.1938 | 2.2617 | -0.0046 | 5.451 | -0.1932 | 0.1183 | 0.015 | -0.0599 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 288 | 8.82 | 8.99 | 3.1938 | 2.2609 | -0.0042 | 5.4504 | -0.1874 | 0.1291 | 0.0171 | -0.0411 |
| 289 | 9.11 | 8.98 | 3.194 | 2.2602 | -0.004 | 5.4502 | -0.1765 | 0.122 | 0.0178 | -0.0368 |
| 290 | 9.5 | 8.98 | 3.194 | 2.2591 | -0.0038 | 5.4493 | -0.1644 | 0.1182 | 0.0158 | -0.0304 |
| 291 | 8.41 | 8.95 | 3.1945 | 2.2582 | -0.0035 | 5.4492 | -0.1571 | 0.1172 | 0.013 | -0.0268 |
| 292 | 8.94 | 8.9 | 3.1947 | 2.2568 | -0.0033 | 5.4482 | -0.152 | 0.116 | 0.0135 | -0.0225 |
| 293 | 9.19 | 8.85 | 3.1949 | 2.2572 | -0.0036 | 5.4485 | -0.162 | 0.116 | 0.0146 | -0.0314 |
| 294 | 9.33 | 8.79 | 3.1949 | 2.2579 | -0.0037 | 5.4491 | -0.1751 | 0.1147 | 0.015 | -0.0454 |
| 295 | 8.86 | 8.72 | 3.1946 | 2.2584 | -0.0039 | 5.449 | -0.1878 | 0.1102 | 0.0158 | -0.0619 |
| 296 | 8.71 | 8.67 | 3.1945 | 2.2582 | -0.0039 | 5.4488 | -0.202 | 0.1022 | 0.0134 | -0.0864 |
| 297 | 8.99 | 8.63 | 3.1947 | 2.2583 | -0.0038 | 5.4493 | -0.2069 | 0.0992 | 0.0121 | -0.0956 |
| 298 | 8.79 | 8.59 | 3.1949 | 2.2587 | -0.0036 | 5.45 | -0.2083 | 0.086 | 0.0099 | -0.1124 |
| 299 | 8.56 | 8.53 | 3.1952 | 2.2591 | -0.0035 | 5.4508 | -0.2119 | 0.0826 | 0.0067 | -0.1226 |
| 300 | 8.02 | 8.44 | 3.1959 | 2.2591 | -0.0034 | 5.4516 | -0.2083 | 0.0699 | 0.0045 | -0.134 |
| 301 | 8.31 | 8.43 | 3.1967 | 2.2591 | -0.0032 | 5.4526 | -0.1997 | 0.0597 | 0.0063 | -0.1337 |
| 302 | 7.84 | 8.41 | 3.1972 | 2.2589 | -0.0031 | 5.453 | -0.1929 | 0.0469 | 0.0065 | -0.1395 |
| 303 | 7.98 | 8.39 | 3.1973 | 2.2591 | -0.003 | 5.4533 | -0.1906 | 0.0365 | 0.006 | -0.1481 |
| 304 | 8.01 | 8.38 | 3.1972 | 2.2595 | -0.0032 | 5.4535 | -0.1877 | 0.0393 | 0.0072 | -0.1412 |
| 305 | 8.28 | 8.38 | 3.1966 | 2.2599 | -0.0034 | 5.4531 | -0.1814 | 0.0397 | 0.0053 | -0.1364 |
| 306 | 8.34 | 8.42 | 3.1963 | 2.2597 | -0.0037 | 5.4524 | -0.1744 | 0.0382 | 0.0025 | -0.1337 |
| 307 | 8.13 | 8.45 | 3.1968 | 2.2597 | -0.0037 | 5.4528 | -0.1669 | 0.0363 | 0.0003 | -0.1303 |
| 308 | 7.88 | 8.49 | 3.1976 | 2.2597 | -0.0038 | 5.4534 | -0.1602 | 0.037 | -0.002 | -0.1251 |
| 309 | 7.88 | 8.56 | 3.198 | 2.2594 | -0.0041 | 5.4533 | -0.1548 | 0.0321 | 0.0001 | -0.1226 |
| 310 | 8.06 | 8.66 | 3.1985 | 2.2596 | -0.0042 | 5.4539 | -0.1518 | 0.0358 | 0.0008 | -0.1152 |
| 311 | 8.6 | 8.72 | 3.1986 | 2.2595 | -0.0043 | 5.4538 | -0.1448 | 0.0327 | 0.0002 | -0.1119 |
| 312 | 8.9 | 8.8 | 3.1989 | 2.2597 | -0.0043 | 5.4543 | -0.1396 | 0.027 | 0.0017 | -0.111 |
| 313 | 9.1 | 8.89 | 3.1995 | 2.2597 | -0.0041 | 5.4551 | -0.131 | 0.029 | 0.0051 | -0.0969 |
| 314 | 8.93 | 8.99 | 3.1996 | 2.2597 | -0.004 | 5.4552 | -0.1242 | 0.0309 | 0.0085 | -0.0848 |
| 315 | 9.42 | 9.06 | 3.1995 | 2.2595 | -0.0036 | 5.4553 | -0.1217 | 0.0371 | 0.0103 | -0.0743 |
| 316 | 9.58 | 9.11 | 3.1992 | 2.2592 | -0.0035 | 5.4549 | -0.1202 | 0.0449 | 0.013 | -0.0624 |
| 317 | 9.4 | 9.18 | 3.1988 | 2.2591 | -0.0036 | 5.4544 | -0.1224 | 0.058 | 0.0132 | -0.0511 |
| 318 | 9.91 | 9.25 | 3.1986 | 2.2589 | -0.0035 | 5.454 | -0.1219 | 0.0716 | 0.0102 | -0.0401 |
| 319 | 9.91 | 9.32 | 3.1982 | 2.2585 | -0.0033 | 5.4534 | -0.1139 | 0.0739 | 0.01 | -0.03 |
| 320 | 9.45 | 9.37 | 3.1979 | 2.2583 | -0.0033 | 5.453 | -0.1104 | 0.0837 | 0.0068 | -0.0198 |
| 321 | 9.38 | 9.39 | 3.1969 | 2.2585 | -0.0029 | 5.4525 | -0.1037 | 0.0823 | 0.0052 | -0.0162 |
| 322 | 9.7 | 9.38 | 3.1967 | 2.2577 | -0.0027 | 5.4517 | -0.0965 | 0.0902 | 0.0068 | 0.0006 |
| 323 | 9.96 | 9.37 | 3.1972 | 2.257 | -0.0026 | 5.4516 | -0.0924 | 0.0967 | 0.0103 | 0.0146 |
| 324 | 9.54 | 9.37 | 3.197 | 2.2573 | -0.0028 | 5.4515 | -0.0882 | 0.1042 | 0.0134 | 0.0293 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 325 | 9.28 | 9.35 | 3.1966 | 2.2584 | -0.0024 | 5.4525 | -0.0853 | 0.1085 | 0.0151 | 0.0382 |
| 326 | 9.6 | 9.3 | 3.1968 | 2.2588 | -0.0024 | 5.4532 | -0.0822 | 0.1084 | 0.0142 | 0.0404 |
| 327 | 9.07 | 9.27 | 3.1973 | 2.2589 | -0.0026 | 5.4537 | -0.0812 | 0.1087 | 0.0117 | 0.0391 |
| 328 | 9.21 | 9.22 | 3.1981 | 2.2599 | -0.0029 | 5.4551 | -0.0794 | 0.1098 | 0.0086 | 0.039 |
| 329 | 9.08 | 9.17 | 3.1988 | 2.2602 | -0.0031 | 5.4559 | -0.0817 | 0.1136 | 0.0052 | 0.0371 |
| 330 | 8.98 | 9.14 | 3.1989 | 2.2601 | -0.0031 | 5.4558 | -0.0859 | 0.1149 | 0.005 | 0.034 |
| 331 | 8.67 | 9.13 | 3.1986 | 2.2601 | -0.0032 | 5.4556 | -0.0843 | 0.1114 | 0.0028 | 0.0299 |
| 332 | 8.98 | 9.06 | 3.1986 | 2.2604 | -0.0033 | 5.4557 | -0.078 | 0.1056 | 0.0009 | 0.0285 |
| 333 | 8.95 | 9 | 3.1982 | 2.2612 | -0.0034 | 5.456 | -0.0794 | 0.1083 | -0.0021 | 0.0268 |
| 334 | 9.04 | 8.97 | 3.1983 | 2.261 | -0.0034 | 5.4558 | -0.0861 | 0.1078 | -0.0087 | 0.013 |
| 335 | 8.58 | 8.93 | 3.1989 | 2.2608 | -0.0035 | 5.4562 | -0.0844 | 0.0993 | -0.0113 | 0.0036 |
| 336 | 8.86 | 8.91 | 3.1994 | 2.2603 | -0.0035 | 5.4562 | -0.0793 | 0.0893 | -0.014 | -0.004 |
| 337 | 8.92 | 8.9 | 3.1999 | 2.2597 | -0.0036 | 5.4559 | -0.0825 | 0.079 | -0.0151 | -0.0186 |
| 338 | 9.01 | 8.94 | 3.2003 | 2.2601 | -0.0037 | 5.4567 | -0.0904 | 0.0687 | -0.0121 | -0.0338 |
| 339 | 8.86 | 8.97 | 3.2007 | 2.26 | -0.0036 | 5.4571 | -0.0896 | 0.0578 | -0.007 | -0.0387 |
| 340 | 9.11 | 8.99 | 3.2013 | 2.2597 | -0.0035 | 5.4574 | -0.0898 | 0.0522 | -0.0041 | -0.0417 |
| 341 | 8.51 | 9.03 | 3.2017 | 2.2596 | -0.0036 | 5.4578 | -0.0937 | 0.0475 | -0.0038 | -0.05 |
| 342 | 8.77 | 9.01 | 3.202 | 2.2597 | -0.0037 | 5.458 | -0.09 | 0.0414 | -0.0018 | -0.0504 |
| 343 | 8.88 | 9.02 | 3.2024 | 2.2597 | -0.0038 | 5.4583 | -0.0913 | 0.0333 | -0.0003 | -0.0583 |
| 344 | 8.57 | 9.04 | 3.2028 | 2.2598 | -0.004 | 5.4586 | -0.0873 | 0.0364 | -0.002 | -0.0529 |
| 345 | 9.18 | 9.08 | 3.2029 | 2.2601 | -0.0039 | 5.4591 | -0.0865 | 0.0477 | -0.0057 | -0.0445 |
| 346 | 8.94 | 9.13 | 3.2031 | 2.2601 | -0.004 | 5.4592 | -0.0917 | 0.0555 | -0.0084 | -0.0446 |
| 347 | 9.96 | 9.15 | 3.2035 | 2.2598 | -0.004 | 5.4593 | -0.0944 | 0.0546 | -0.0104 | -0.0502 |
| 348 | 9.72 | 9.19 | 3.2041 | 2.2597 | -0.0039 | 5.46 | -0.0939 | 0.0526 | -0.0097 | -0.051 |
| 349 | 9.23 | 9.21 | 3.2043 | 2.26 | -0.004 | 5.4603 | -0.0939 | 0.0519 | -0.0076 | -0.0496 |
| 350 | 9.51 | 9.19 | 3.2043 | 2.2601 | -0.0042 | 5.4603 | -0.0962 | 0.052 | -0.0046 | -0.0488 |
| 351 | 8.7 | 9.21 | 3.2044 | 2.2604 | -0.0041 | 5.4607 | -0.093 | 0.0511 | -0.0031 | -0.045 |
| 352 | 9.02 | 9.22 | 3.2046 | 2.2609 | -0.0039 | 5.4617 | -0.0897 | 0.0462 | 0 | -0.0436 |
| 353 | 9.5 | 9.23 | 3.2046 | 2.2608 | -0.0039 | 5.4615 | -0.096 | 0.047 | 0 | -0.049 |
| 354 | 9.37 | 9.24 | 3.2043 | 2.2608 | -0.0038 | 5.4613 | -0.098 | 0.0453 | -0.0005 | -0.0531 |
| 355 | 9.69 | 9.22 | 3.2042 | 2.261 | -0.0038 | 5.4615 | -0.1002 | 0.0479 | 0.0024 | -0.0499 |
| 356 | 9.29 | 9.2 | 3.204 | 2.2612 | -0.0036 | 5.4616 | -0.1108 | 0.0513 | 0.0001 | -0.0594 |
| 357 | 9.7 | 9.13 | 3.2037 | 2.2614 | -0.0037 | 5.4614 | -0.1204 | 0.0467 | -0.0011 | -0.0749 |
| 358 | 9.28 | 9.1 | 3.2037 | 2.2613 | -0.0037 | 5.4613 | -0.1183 | 0.04 | -0.0005 | -0.0788 |
| 359 | 8.83 | 9.12 | 3.2038 | 2.2608 | -0.0037 | 5.4609 | -0.1108 | 0.0386 | -0.0014 | -0.0736 |
| 360 | 8.91 | 9.1 | 3.2039 | 2.2607 | -0.0038 | 5.4608 | -0.1081 | 0.0311 | -0.005 | -0.082 |
| 361 | 8.91 | 9.1 | 3.204 | 2.2608 | -0.0039 | 5.4609 | -0.1021 | 0.0267 | -0.0068 | -0.0822 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 362 | 9 | 9.08 | 3.2039 | 2.2607 | -0.0041 | 5.4605 | -0.0992 | 0.0224 | -0.0088 | -0.0856 |
| 363 | 8.89 | 9.05 | 3.204 | 2.2604 | -0.0042 | 5.4603 | -0.0929 | 0.0221 | -0.007 | -0.0779 |
| 364 | 8.72 | 9.06 | 3.2042 | 2.2598 | -0.0042 | 5.4598 | -0.0879 | 0.0202 | -0.0038 | -0.0716 |
| 365 | 8.49 | 9.05 | 3.2043 | 2.2593 | -0.0044 | 5.4592 | -0.0874 | 0.0239 | -0.0001 | -0.0637 |
| 366 | 8.65 | 9.03 | 3.2045 | 2.2586 | -0.0044 | 5.4586 | -0.0826 | 0.0297 | 0.0039 | -0.0491 |
| 367 | 9.23 | 8.99 | 3.2049 | 2.2574 | -0.0044 | 5.4579 | -0.0801 | 0.0333 | 0.006 | -0.0408 |
| 368 | 9.54 | 8.99 | 3.2051 | 2.2569 | -0.0044 | 5.4576 | -0.0835 | 0.0331 | 0.0059 | -0.0445 |
| 369 | 9.26 | 9.03 | 3.2054 | 2.256 | -0.0043 | 5.4571 | -0.0843 | 0.0328 | 0.0072 | -0.0443 |
| 370 | 8.61 | 9.04 | 3.2053 | 2.2559 | -0.0042 | 5.4571 | -0.0873 | 0.0349 | 0.0087 | -0.0437 |
| 371 | 8.62 | 9.03 | 3.2049 | 2.2555 | -0.0041 | 5.4563 | -0.0899 | 0.0359 | 0.007 | -0.0471 |
| 372 | 9.02 | 9.01 | 3.2042 | 2.255 | -0.0042 | 5.455 | -0.0997 | 0.0355 | 0.0118 | -0.0524 |
| 373 | 9.56 | 8.98 | 3.2038 | 2.2545 | -0.0044 | 5.4538 | -0.1003 | 0.0315 | 0.0158 | -0.0529 |
| 374 | 9.38 | 8.98 | 3.2036 | 2.2542 | -0.0045 | 5.4532 | -0.096 | 0.0346 | 0.0169 | -0.0446 |
| 375 | 8.93 | 9 | 3.2034 | 2.2544 | -0.0044 | 5.4534 | -0.1032 | 0.0421 | 0.0145 | -0.0465 |
| 376 | 9 | 9.02 | 3.203 | 2.2549 | -0.0041 | 5.4537 | -0.1128 | 0.0608 | 0.0174 | -0.0345 |
| 377 | 9.33 | 8.99 | 3.2027 | 2.2549 | -0.0038 | 5.4539 | -0.1111 | 0.0743 | 0.0163 | -0.0204 |
| 378 | 9.48 | 8.94 | 3.2028 | 2.2546 | -0.0038 | 5.4536 | -0.1038 | 0.0799 | 0.0101 | -0.0138 |
| 379 | 9.2 | 8.87 | 3.2029 | 2.2542 | -0.0038 | 5.4533 | -0.0939 | 0.0962 | 0.0042 | 0.0065 |
| 380 | 8.72 | 8.85 | 3.2032 | 2.2543 | -0.0036 | 5.4539 | -0.0874 | 0.1054 | 0.0003 | 0.0183 |
| 381 | 8.48 | 8.84 | 3.203 | 2.2546 | -0.0036 | 5.4541 | -0.0867 | 0.1045 | 0.0019 | 0.0198 |
| 382 | 8.46 | 8.82 | 3.2027 | 2.2545 | -0.0034 | 5.4539 | -0.0883 | 0.1033 | 0.0015 | 0.0165 |
| 383 | 8.57 | 8.74 | 3.2028 | 2.2543 | -0.0033 | 5.4539 | -0.0898 | 0.1009 | -0.0006 | 0.0105 |
| 384 | 8.94 | 8.72 | 3.2026 | 2.2544 | -0.0033 | 5.4537 | -0.0933 | 0.1031 | -0.001 | 0.0089 |
| 385 | 9 | 8.68 | 3.2024 | 2.2546 | -0.0032 | 5.4538 | -0.0932 | 0.0987 | -0.0019 | 0.0035 |
| 386 | 8.66 | 8.64 | 3.2026 | 2.2547 | -0.0032 | 5.4541 | -0.0881 | 0.094 | -0.005 | 0.0008 |
| 387 | 8.6 | 8.59 | 3.2029 | 2.2548 | -0.0033 | 5.4543 | -0.0866 | 0.0867 | -0.006 | -0.006 |
| 388 | 8 | 8.55 | 3.2027 | 2.2551 | -0.0036 | 5.4543 | -0.0895 | 0.0803 | -0.0071 | -0.0163 |
| 389 | 8.23 | 8.53 | 3.203 | 2.255 | -0.0036 | 5.4544 | -0.093 | 0.0829 | -0.0083 | -0.0184 |
| 390 | 8.35 | 8.54 | 3.2034 | 2.2543 | -0.0034 | 5.4543 | -0.0985 | 0.0825 | -0.0083 | -0.0243 |
| 391 | 8.62 | 8.55 | 3.2035 | 2.2541 | -0.0033 | 5.4543 | -0.0969 | 0.0796 | -0.008 | -0.0253 |
| 392 | 8.17 | 8.56 | 3.2038 | 2.2535 | -0.0033 | 5.454 | -0.0979 | 0.0774 | -0.0084 | -0.0288 |
| 393 | 8.84 | 8.55 | 3.2037 | 2.2535 | -0.0034 | 5.4538 | -0.0998 | 0.0769 | -0.0092 | -0.0322 |
| 394 | 8.22 | 8.53 | 3.2035 | 2.2532 | -0.0032 | 5.4535 | -0.098 | 0.0756 | -0.0107 | -0.0332 |
| 395 | 8.29 | 8.5 | 3.2037 | 2.2528 | -0.0031 | 5.4535 | -0.0946 | 0.0774 | -0.0117 | -0.0289 |
| 396 | 8.44 | 8.49 | 3.204 | 2.2528 | -0.0029 | 5.4538 | -0.0913 | 0.0815 | -0.0111 | -0.0209 |
| 397 | 8.73 | 8.48 | 3.2041 | 2.253 | -0.0028 | 5.4544 | -0.0921 | 0.082 | -0.009 | -0.019 |
| 398 | 8.83 | 8.53 | 3.2043 | 2.2535 | -0.0029 | 5.455 | -0.0863 | 0.0774 | -0.0087 | -0.0176 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 399 | 8.72 | 8.57 | 3.2048 | 2.2539 | -0.0031 | 5.4557 | -0.0755 | 0.0724 | -0.0061 | -0.0092 |
| 400 | 8.77 | 8.64 | 3.2052 | 2.254 | -0.0031 | 5.4561 | -0.069 | 0.0732 | -0.0075 | -0.0033 |
| 401 | 8.63 | 8.67 | 3.2057 | 2.2545 | -0.0032 | 5.457 | -0.0668 | 0.0691 | -0.009 | -0.0067 |
| 402 | 8.47 | 8.74 | 3.2068 | 2.2542 | -0.0031 | 5.4579 | -0.0612 | 0.0745 | -0.0078 | 0.0056 |
| 403 | 8.53 | 8.77 | 3.2071 | 2.2545 | -0.003 | 5.4587 | -0.0591 | 0.082 | -0.0066 | 0.0162 |
| 404 | 8.44 | 8.79 | 3.2072 | 2.2547 | -0.0034 | 5.4585 | -0.0626 | 0.0802 | -0.0063 | 0.0113 |
| 405 | 8.41 | 8.85 | 3.2077 | 2.2547 | -0.0034 | 5.459 | -0.0628 | 0.079 | -0.0068 | 0.0094 |
| 406 | 8.5 | 8.92 | 3.2083 | 2.2551 | -0.0035 | 5.4599 | -0.0603 | 0.0805 | -0.0037 | 0.0165 |
| 407 | 8.83 | 8.98 | 3.2087 | 2.2557 | -0.0036 | 5.4607 | -0.0589 | 0.0837 | -0.0004 | 0.0244 |
| 408 | 9.03 | 9.02 | 3.2087 | 2.2558 | -0.0037 | 5.4608 | -0.0608 | 0.0879 | 0.0001 | 0.0271 |
| 409 | 9.74 | 9.04 | 3.2088 | 2.2563 | -0.0036 | 5.4615 | -0.0576 | 0.0881 | 0.001 | 0.0315 |
| 410 | 9.18 | 9.06 | 3.2087 | 2.2569 | -0.0035 | 5.4621 | -0.0519 | 0.0865 | 0.0011 | 0.0356 |
| 411 | 9.47 | 9.09 | 3.2085 | 2.2573 | -0.0034 | 5.4624 | -0.0455 | 0.089 | 0.0017 | 0.0453 |
| 412 | 9.34 | 9.14 | 3.2082 | 2.2575 | -0.0036 | 5.4621 | -0.0482 | 0.0945 | 0.0031 | 0.0494 |
| 413 | 8.57 | 9.16 | 3.2083 | 2.2577 | -0.0037 | 5.4623 | -0.0485 | 0.1005 | 0.0022 | 0.0542 |
| 414 | 9.61 | 9.24 | 3.2083 | 2.2573 | -0.004 | 5.4616 | -0.0436 | 0.1042 | 0.0016 | 0.0622 |
| 415 | 9.67 | 9.28 | 3.2077 | 2.2565 | -0.004 | 5.4602 | -0.0379 | 0.1046 | -0.0014 | 0.0653 |
| 416 | 9.88 | 9.33 | 3.2072 | 2.2559 | -0.0041 | 5.459 | -0.0348 | 0.1066 | -0.005 | 0.0668 |
| 417 | 9.51 | 9.35 | 3.2072 | 2.2558 | -0.0041 | 5.4589 | -0.0359 | 0.1052 | -0.007 | 0.0623 |
| 418 | 9.23 | 9.37 | 3.207 | 2.2556 | -0.0042 | 5.4584 | -0.0315 | 0.0972 | -0.007 | 0.0586 |
| 419 | 9.19 | 9.34 | 3.2069 | 2.255 | -0.0042 | 5.4578 | -0.03 | 0.0899 | -0.0091 | 0.0508 |
| 420 | 9.21 | 9.35 | 3.2069 | 2.2547 | -0.004 | 5.4577 | -0.0257 | 0.0749 | -0.0115 | 0.0376 |
| 421 | 9.36 | 9.34 | 3.2069 | 2.2549 | -0.0041 | 5.4577 | -0.0245 | 0.0735 | -0.0139 | 0.0351 |
| 422 | 8.94 | 9.33 | 3.2067 | 2.2546 | -0.0043 | 5.457 | -0.0294 | 0.0672 | -0.0127 | 0.0251 |
| 423 | 9.97 | 9.35 | 3.2068 | 2.2535 | -0.0043 | 5.456 | -0.0352 | 0.0569 | -0.0126 | 0.0091 |
| 424 | 9.1 | 9.34 | 3.2073 | 2.2531 | -0.0042 | 5.4562 | -0.0354 | 0.0517 | -0.0135 | 0.0028 |
| 425 | 9.38 | 9.33 | 3.2078 | 2.2523 | -0.0042 | 5.456 | -0.0313 | 0.0539 | -0.0135 | 0.0091 |
| 426 | 9.23 | 9.28 | 3.208 | 2.2513 | -0.004 | 5.4553 | -0.0318 | 0.0585 | -0.0129 | 0.0139 |
| 427 | 9.48 | 9.26 | 3.2077 | 2.2509 | -0.0036 | 5.455 | -0.038 | 0.0585 | -0.0099 | 0.0106 |
| 428 | 9.16 | 9.23 | 3.2075 | 2.2503 | -0.0033 | 5.4544 | -0.0433 | 0.0572 | -0.0083 | 0.0056 |
| 429 | 9.43 | 9.22 | 3.2076 | 2.2496 | -0.0032 | 5.454 | -0.0459 | 0.0571 | -0.0089 | 0.0023 |
| 430 | 9.21 | 9.21 | 3.2075 | 2.2496 | -0.0033 | 5.4538 | -0.0471 | 0.056 | -0.0091 | -0.0002 |
| 431 | 9.15 | 9.17 | 3.2075 | 2.2498 | -0.0033 | 5.4539 | -0.0446 | 0.0556 | -0.0099 | 0.0011 |
| 432 | 8.95 | 9.15 | 3.2076 | 2.2503 | -0.0032 | 5.4546 | -0.0411 | 0.0531 | -0.0081 | 0.004 |
| 433 | 9.36 | 9.1 | 3.2075 | 2.2509 | -0.0033 | 5.4551 | -0.0362 | 0.0497 | -0.0035 | 0.01 |
| 434 | 9.54 | 9.1 | 3.2076 | 2.2511 | -0.0032 | 5.4555 | -0.0288 | 0.0521 | -0.0028 | 0.0205 |
| 435 | 8.9 | 9.08 | 3.2077 | 2.2514 | -0.003 | 5.4561 | -0.0302 | 0.0614 | -0.0046 | 0.0267 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 436 | 9.06 | 9.04 | 3.2081 | 2.2516 | -0.0029 | 5.4568 | -0.046 | 0.0648 | -0.004 | 0.0148 |
| 437 | 8.67 | 9.02 | 3.2088 | 2.2516 | -0.0029 | 5.4575 | -0.0659 | 0.0661 | -0.0036 | -0.0033 |
| 438 | 9.12 | 9.03 | 3.2096 | 2.2518 | -0.0029 | 5.4586 | -0.0678 | 0.0643 | -0.0054 | -0.0089 |
| 439 | 8.9 | 9.01 | 3.2106 | 2.2518 | -0.0028 | 5.4596 | -0.0652 | 0.0688 | -0.0084 | -0.0047 |
| 440 | 8.64 | 9.01 | 3.2109 | 2.2517 | -0.0027 | 5.4599 | -0.0811 | 0.0739 | -0.0109 | -0.0181 |
| 441 | 8.59 | 9.04 | 3.2115 | 2.2519 | -0.0027 | 5.4606 | -0.0663 | 0.0724 | -0.0091 | -0.003 |
| 442 | 8.99 | 9.07 | 3.212 | 2.252 | -0.0028 | 5.4612 | -0.0348 | 0.0698 | -0.008 | 0.027 |
| 443 | 9.18 | 9.08 | 3.2122 | 2.2521 | -0.0027 | 5.4616 | -0.0211 | 0.063 | -0.0079 | 0.0341 |
| 444 | 8.86 | 9.09 | 3.2122 | 2.252 | -0.0028 | 5.4614 | -0.0096 | 0.0629 | -0.0072 | 0.046 |
| 445 | 8.51 | 9.1 | 3.212 | 2.252 | -0.0028 | 5.4612 | -0.0075 | 0.0701 | -0.0051 | 0.0575 |
| 446 | 9.22 | 9.1 | 3.2123 | 2.2519 | -0.0031 | 5.4611 | -0.0053 | 0.0711 | -0.0046 | 0.0612 |
| 447 | 9.2 | 9.13 | 3.2122 | 2.2521 | -0.0031 | 5.4611 | 0.0055 | 0.0715 | -0.0018 | 0.0752 |
| 448 | 9.18 | 9.15 | 3.2117 | 2.2525 | -0.0033 | 5.4609 | 0.0189 | 0.0717 | -0.0007 | 0.09 |
| 449 | 9.25 | 9.17 | 3.2112 | 2.2527 | -0.0033 | 5.4606 | 0.0334 | 0.0719 | -0.0002 | 0.1051 |
| 450 | 9.6 | 9.24 | 3.211 | 2.2532 | -0.0033 | 5.4609 | 0.0468 | 0.0745 | -0.0016 | 0.1198 |
| 451 | 9.57 | 9.33 | 3.2106 | 2.2529 | -0.0033 | 5.4602 | 0.0591 | 0.0741 | -0.0048 | 0.1283 |
| 452 | 9.61 | 9.38 | 3.2106 | 2.2528 | -0.0032 | 5.4601 | 0.0779 | 0.0768 | -0.0069 | 0.1478 |
| 453 | 9.6 | 9.38 | 3.2108 | 2.2528 | -0.0032 | 5.4604 | 0.0952 | 0.0735 | -0.0046 | 0.1641 |
| 454 | 9.1 | 9.39 | 3.2106 | 2.2529 | -0.0032 | 5.4603 | 0.108 | 0.0705 | -0.0004 | 0.1781 |
| 455 | 9.05 | 9.42 | 3.2103 | 2.253 | -0.0034 | 5.4598 | 0.1166 | 0.0693 | -0.0024 | 0.1835 |
| 456 | 9.2 | 9.43 | 3.2099 | 2.2528 | -0.0036 | 5.4591 | 0.132 | 0.0714 | -0.0006 | 0.2029 |
| 457 | 9.64 | 9.45 | 3.2098 | 2.2526 | -0.0037 | 5.4587 | 0.1452 | 0.074 | 0.0005 | 0.2197 |
| 458 | 9.24 | 9.45 | 3.2095 | 2.2525 | -0.0038 | 5.4581 | 0.1625 | 0.0798 | 0.0016 | 0.2439 |
| 459 | 9.88 | 9.43 | 3.209 | 2.2521 | -0.0038 | 5.4573 | 0.1696 | 0.0853 | 0.0039 | 0.2588 |
| 460 | 10.3 | 9.42 | 3.2084 | 2.2518 | -0.004 | 5.4563 | 0.1728 | 0.0887 | 0.0064 | 0.2679 |
| 461 | 9.96 | 9.38 | 3.2089 | 2.2514 | -0.0042 | 5.456 | 0.1716 | 0.0939 | 0.0078 | 0.2733 |
| 462 | 9.25 | 9.36 | 3.2088 | 2.2507 | -0.0043 | 5.4551 | 0.1656 | 0.1003 | 0.0089 | 0.2748 |
| 463 | 9 | 9.34 | 3.2084 | 2.25 | -0.0044 | 5.454 | 0.1611 | 0.1059 | 0.0071 | 0.2741 |
| 464 | 9.1 | 9.36 | 3.208 | 2.2493 | -0.0041 | 5.4532 | 0.1599 | 0.112 | 0.0067 | 0.2786 |
| 465 | 9.48 | 9.34 | 3.2077 | 2.2486 | -0.0039 | 5.4525 | 0.1573 | 0.111 | 0.0023 | 0.2706 |
| 466 | 9.48 | 9.33 | 3.208 | 2.2481 | -0.0037 | 5.4524 | 0.1448 | 0.1089 | -0.001 | 0.2527 |
| 467 | 9.12 | 9.29 | 3.208 | 2.2477 | -0.0037 | 5.452 | 0.1308 | 0.1094 | -0.0028 | 0.2374 |
| 468 | 8.92 | 9.3 | 3.2081 | 2.2479 | -0.0035 | 5.4525 | 0.1238 | 0.1211 | -0.0078 | 0.2371 |
| 469 | 9.49 | 9.23 | 3.208 | 2.2485 | -0.0031 | 5.4533 | 0.1185 | 0.1218 | -0.0095 | 0.2308 |
| 470 | 8.81 | 9.18 | 3.2078 | 2.2486 | -0.0028 | 5.4536 | 0.1195 | 0.1162 | -0.0096 | 0.2261 |
| 471 | 9.18 | 9.15 | 3.2078 | 2.2488 | -0.0028 | 5.4538 | 0.1203 | 0.1143 | -0.008 | 0.2267 |
| 472 | 9.25 | 9.13 | 3.2078 | 2.2493 | -0.0029 | 5.4541 | 0.1208 | 0.1123 | -0.0093 | 0.2238 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 473 | 9.4 | 9.12 | 3.2073 | 2.2493 | -0.0031 | 5.4535 | 0.1158 | 0.1103 | -0.0126 | 0.2135 |
| 474 | 8.76 | 9.11 | 3.2067 | 2.2488 | -0.0032 | 5.4523 | 0.1092 | 0.1005 | -0.014 | 0.1957 |
| 475 | 9.06 | 9.08 | 3.2066 | 2.2485 | -0.0031 | 5.452 | 0.1049 | 0.0874 | -0.0141 | 0.1783 |
| 476 | 8.88 | 9.03 | 3.2068 | 2.249 | -0.0031 | 5.4527 | 0.1041 | 0.0723 | -0.0157 | 0.1608 |
| 477 | 9.35 | 8.99 | 3.2071 | 2.2492 | -0.0029 | 5.4533 | 0.1045 | 0.0599 | -0.0128 | 0.1516 |
| 478 | 8.59 | 8.98 | 3.2074 | 2.2489 | -0.0029 | 5.4534 | 0.1017 | 0.0507 | -0.007 | 0.1453 |
| 479 | 9.43 | 8.93 | 3.2076 | 2.2486 | -0.0029 | 5.4533 | 0.099 | 0.0426 | -0.003 | 0.1386 |
| 480 | 9.27 | 8.93 | 3.2077 | 2.2488 | -0.0026 | 5.4538 | 0.0995 | 0.036 | -0.004 | 0.1315 |
| 481 | 8.92 | 8.9 | 3.2072 | 2.2493 | -0.0028 | 5.4537 | 0.0971 | 0.0358 | -0.0068 | 0.1261 |
| 482 | 8.72 | 8.86 | 3.2064 | 2.2496 | -0.003 | 5.4529 | 0.0964 | 0.0343 | -0.0066 | 0.124 |
| 483 | 9.05 | 8.82 | 3.2057 | 2.2491 | -0.003 | 5.4518 | 0.1001 | 0.0337 | -0.0045 | 0.1294 |
| 484 | 8.75 | 8.83 | 3.2056 | 2.2483 | -0.0028 | 5.4511 | 0.101 | 0.0417 | -0.0049 | 0.1379 |
| 485 | 8.7 | 8.82 | 3.207 | 2.2481 | -0.0028 | 5.4523 | 0.1039 | 0.0382 | -0.005 | 0.1371 |
| 486 | 8.24 | 8.83 | 3.2092 | 2.2481 | -0.0028 | 5.4544 | 0.1072 | 0.038 | -0.003 | 0.1423 |
| 487 | 8.73 | 8.8 | 3.2097 | 2.2484 | -0.0028 | 5.4552 | 0.1148 | 0.0396 | -0.002 | 0.1524 |
| 488 | 8.54 | 8.81 | 3.2093 | 2.2482 | -0.0027 | 5.4548 | 0.1295 | 0.0384 | -0.0018 | 0.1661 |
| 489 | 8.91 | 8.79 | 3.2111 | 2.2476 | -0.0025 | 5.4562 | 0.1419 | 0.0436 | -0.0007 | 0.1849 |
| 490 | 8.52 | 8.78 | 3.21 | 2.2471 | -0.0025 | 5.4546 | 0.1585 | 0.0404 | 0.0008 | 0.1998 |
| 491 | 8.56 | 8.76 | 3.207 | 2.2471 | -0.0025 | 5.4516 | 0.1728 | 0.0378 | 0.0039 | 0.2145 |
| 492 | 8.57 | 8.72 | 3.2059 | 2.2472 | -0.0025 | 5.4506 | 0.1829 | 0.0431 | 0.0048 | 0.2309 |
| 493 | 8.89 | 8.72 | 3.2046 | 2.2472 | -0.0026 | 5.4492 | 0.196 | 0.0453 | 0.0046 | 0.2459 |
| 494 | 8.93 | 8.71 | 3.2043 | 2.2462 | -0.0027 | 5.4478 | 0.2052 | 0.0453 | 0.0064 | 0.257 |
| 495 | 9.18 | 8.72 | 3.2043 | 2.2457 | -0.0026 | 5.4474 | 0.2054 | 0.0457 | 0.0116 | 0.2627 |
| 496 | 8.75 | 8.78 | 3.2034 | 2.2456 | -0.0027 | 5.4463 | 0.204 | 0.0503 | 0.0156 | 0.2699 |
| 497 | 8.66 | 8.82 | 3.2022 | 2.2459 | -0.0027 | 5.4454 | 0.2122 | 0.057 | 0.013 | 0.2822 |
| 498 | 9.2 | 8.89 | 3.201 | 2.2463 | -0.0029 | 5.4444 | 0.2163 | 0.0662 | 0.0137 | 0.2962 |
| 499 | 8.94 | 8.92 | 3.2001 | 2.2465 | -0.0029 | 5.4437 | 0.2087 | 0.0931 | 0.012 | 0.3138 |
| 500 | 8.7 | 8.98 | 3.1993 | 2.2466 | -0.0026 | 5.4433 | 0.1995 | 0.1008 | 0.0109 | 0.3111 |
| 501 | 7.89 | 9.04 | 3.1979 | 2.2468 | -0.0025 | 5.4422 | 0.2041 | 0.1101 | 0.0094 | 0.3236 |
| 502 | 8.95 | 9.12 | 3.1973 | 2.2469 | -0.0026 | 5.4415 | 0.2112 | 0.112 | 0.0061 | 0.3293 |
| 503 | 8.65 | 9.16 | 3.1963 | 2.2475 | -0.0029 | 5.4408 | 0.2138 | 0.1138 | 0.0055 | 0.333 |
| 504 | 8.86 | 9.22 | 3.1955 | 2.2478 | -0.0032 | 5.4401 | 0.2201 | 0.119 | 0.0048 | 0.3439 |
| 505 | 9.37 | 9.27 | 3.1945 | 2.2476 | -0.0034 | 5.4387 | 0.2084 | 0.1334 | 0.0028 | 0.3446 |
| 506 | 9.61 | 9.33 | 3.1938 | 2.2477 | -0.0036 | 5.4379 | 0.1839 | 0.145 | -0.0052 | 0.3237 |
| 507 | 9.73 | 9.4 | 3.1924 | 2.2477 | -0.0038 | 5.4363 | 0.1742 | 0.141 | -0.0089 | 0.3064 |
| 508 | 9.54 | 9.42 | 3.1917 | 2.2473 | -0.0041 | 5.4349 | 0.1673 | 0.1378 | -0.0092 | 0.2959 |
| 509 | 9.68 | 9.48 | 3.1916 | 2.2474 | -0.0043 | 5.4347 | 0.1521 | 0.134 | -0.01 | 0.2761 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 510 | 9.73 | 9.53 | 3.1916 | 2.2475 | -0.0043 | 5.4348 | 0.1247 | 0.1236 | -0.0092 | 0.2391 |
| 511 | 9.96 | 9.6 | 3.192 | 2.2472 | -0.0043 | 5.4349 | 0.1159 | 0.1122 | -0.014 | 0.2141 |
| 512 | 9.64 | 9.63 | 3.1921 | 2.2469 | -0.0043 | 5.4347 | 0.1171 | 0.1021 | -0.0174 | 0.2017 |
| 513 | 10.2 | 9.65 | 3.1923 | 2.2465 | -0.0044 | 5.4344 | 0.1194 | 0.0825 | -0.0182 | 0.1837 |
| 514 | 10.1 | 9.67 | 3.1926 | 2.2462 | -0.0042 | 5.4346 | 0.1194 | 0.0657 | -0.0199 | 0.1651 |
| 515 | 9.94 | 9.64 | 3.1932 | 2.2456 | -0.0039 | 5.4349 | 0.1176 | 0.0502 | -0.018 | 0.1499 |
| 516 | 9.87 | 9.61 | 3.1941 | 2.2449 | -0.0038 | 5.4352 | 0.1175 | 0.0373 | -0.0175 | 0.1373 |
| 517 | 9.66 | 9.56 | 3.1948 | 2.2437 | -0.0034 | 5.4352 | 0.1271 | 0.0253 | -0.0181 | 0.1343 |
| 518 | 9.96 | 9.53 | 3.1951 | 2.2435 | -0.0033 | 5.4354 | 0.147 | 0.0153 | -0.019 | 0.1433 |
| 519 | 9.68 | 9.46 | 3.195 | 2.2434 | -0.0032 | 5.4351 | 0.1613 | 0.0136 | -0.0161 | 0.1588 |
| 520 | 9.34 | 9.38 | 3.1949 | 2.2433 | -0.0032 | 5.435 | 0.1722 | 0.0174 | -0.0116 | 0.1781 |
| 521 | 9.47 | 9.3 | 3.1948 | 2.2437 | -0.0032 | 5.4353 | 0.1914 | 0.018 | -0.0061 | 0.2034 |
| 522 | 9.05 | 9.22 | 3.1952 | 2.2435 | -0.003 | 5.4357 | 0.1982 | 0.015 | -0.0064 | 0.2068 |
| 523 | 9.25 | 9.14 | 3.1959 | 2.2435 | -0.0029 | 5.4365 | 0.2004 | 0.0234 | -0.0082 | 0.2156 |
| 524 | 8.74 | 9.01 | 3.1968 | 2.2443 | -0.0028 | 5.4384 | 0.193 | 0.025 | -0.0092 | 0.2089 |
| 525 | 9.12 | 8.94 | 3.1974 | 2.2451 | -0.0026 | 5.4399 | 0.1825 | 0.0232 | -0.0113 | 0.1944 |
| 526 | 8.76 | 8.89 | 3.1975 | 2.2453 | -0.0027 | 5.4401 | 0.1999 | 0.0208 | -0.0109 | 0.2098 |
| 527 | 8.87 | 8.83 | 3.1975 | 2.2459 | -0.0029 | 5.4405 | 0.2306 | 0.0198 | -0.01 | 0.2403 |
| 528 | 8.45 | 8.79 | 3.1976 | 2.246 | -0.003 | 5.4406 | 0.2449 | 0.0164 | -0.0089 | 0.2524 |
| 529 | 8.2 | 8.75 | 3.1976 | 2.2461 | -0.0027 | 5.4409 | 0.2614 | 0.0146 | -0.009 | 0.267 |
| 530 | 8.33 | 8.75 | 3.1978 | 2.246 | -0.0026 | 5.4412 | 0.2785 | 0.016 | -0.0065 | 0.288 |
| 531 | 8.19 | 8.74 | 3.1978 | 2.2463 | -0.0027 | 5.4415 | 0.2824 | 0.0212 | -0.004 | 0.2996 |
| 532 | 8.6 | 8.77 | 3.1976 | 2.2469 | -0.0028 | 5.4417 | 0.2823 | 0.0373 | -0.0056 | 0.3139 |
| 533 | 7.79 | 8.8 | 3.1974 | 2.2467 | -0.0028 | 5.4414 | 0.2882 | 0.0388 | -0.0073 | 0.3197 |
| 534 | 8.58 | 8.87 | 3.1972 | 2.2473 | -0.0027 | 5.4418 | 0.2997 | 0.0369 | -0.0081 | 0.3285 |
| 535 | 8.8 | 8.92 | 3.197 | 2.2476 | -0.0027 | 5.4419 | 0.3106 | 0.026 | -0.0056 | 0.331 |
| 536 | 8.54 | 8.99 | 3.1966 | 2.2476 | -0.0027 | 5.4415 | 0.3088 | 0.0264 | -0.0078 | 0.3274 |
| 537 | 9.17 | 9.03 | 3.1959 | 2.2478 | -0.0027 | 5.4409 | 0.3012 | 0.0281 | -0.0097 | 0.3196 |
| 538 | 8.95 | 9.12 | 3.1954 | 2.2475 | -0.0028 | 5.4401 | 0.292 | 0.0351 | -0.0106 | 0.3165 |
| 539 | 9.4 | 9.24 | 3.1947 | 2.2477 | -0.0029 | 5.4396 | 0.2778 | 0.0371 | -0.0081 | 0.3068 |
| 540 | 9.33 | 9.31 | 3.1937 | 2.2479 | -0.0031 | 5.4385 | 0.2846 | 0.0348 | -0.0064 | 0.3131 |
| 541 | 9.57 | 9.38 | 3.1932 | 2.2475 | -0.0032 | 5.4375 | 0.2615 | 0.0388 | -0.0077 | 0.2927 |
| 542 | 9.88 | 9.44 | 3.1924 | 2.2475 | -0.0033 | 5.4366 | 0.2437 | 0.0428 | -0.0088 | 0.2777 |
| 543 | 9.94 | 9.54 | 3.1917 | 2.2476 | -0.0034 | 5.4359 | 0.2545 | 0.0371 | -0.0101 | 0.2815 |
| 544 | 10.2 | 9.58 | 3.1917 | 2.2474 | -0.0039 | 5.4352 | 0.2402 | 0.0353 | -0.0084 | 0.2671 |
| 545 | 10 | 9.6 | 3.1916 | 2.247 | -0.0044 | 5.4342 | 0.2277 | 0.0247 | -0.0067 | 0.2457 |
| 546 | 9.57 | 9.64 | 3.1911 | 2.2462 | -0.0044 | 5.4329 | 0.2256 | 0.0213 | -0.007 | 0.2399 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 547 | 10.2 | 9.68 | 3.1905 | 2.2454 | -0.0045 | 5.4315 | 0.2256 | 0.0154 | -0.0082 | 0.2329 |
| 548 | 10.6 | 9.69 | 3.1908 | 2.2432 | -0.0045 | 5.4295 | 0.2154 | 0.0197 | -0.0083 | 0.2267 |
| 549 | 9.58 | 9.67 | 3.1913 | 2.2427 | -0.0044 | 5.4295 | 0.2152 | 0.0232 | -0.0091 | 0.2293 |
| 550 | 9.6 | 9.65 | 3.1906 | 2.2422 | -0.0042 | 5.4286 | 0.2405 | 0.0219 | -0.009 | 0.2534 |
| 551 | 9.7 | 9.61 | 3.1894 | 2.2417 | -0.0039 | 5.4273 | 0.2567 | 0.0204 | -0.0062 | 0.2709 |
| 552 | 9.75 | 9.55 | 3.1892 | 2.2414 | -0.0037 | 5.4268 | 0.2496 | 0.022 | -0.005 | 0.2666 |
| 553 | 9.26 | 9.45 | 3.1888 | 2.2409 | -0.0037 | 5.426 | 0.2574 | 0.0256 | -0.004 | 0.279 |
| 554 | 9.23 | 9.34 | 3.1898 | 2.2395 | -0.0034 | 5.4259 | 0.2688 | 0.0336 | -0.0055 | 0.2968 |
| 555 | 9.34 | 9.24 | 3.1919 | 2.2385 | -0.0029 | 5.4274 | 0.2736 | 0.0377 | -0.0057 | 0.3056 |
| 556 | 9.86 | 9.18 | 3.1925 | 2.2387 | -0.0027 | 5.4285 | 0.2678 | 0.0359 | -0.0057 | 0.298 |
| 557 | 9.03 | 9.09 | 3.1931 | 2.2388 | -0.0028 | 5.4291 | 0.2484 | 0.0447 | -0.0037 | 0.2894 |
| 558 | 9.19 | 9 | 3.1943 | 2.2391 | -0.0028 | 5.4305 | 0.2249 | 0.0536 | -0.0041 | 0.2744 |
| 559 | 8.94 | 8.96 | 3.1965 | 2.2398 | -0.0029 | 5.4334 | 0.2133 | 0.0522 | -0.0069 | 0.2585 |
| 560 | 8.82 | 8.96 | 3.1968 | 2.2406 | -0.0026 | 5.4348 | 0.2111 | 0.0587 | -0.0091 | 0.2607 |
| 561 | 8.69 | 8.9 | 3.1972 | 2.2412 | -0.0025 | 5.4358 | 0.207 | 0.064 | -0.0109 | 0.2601 |
| 562 | 8.1 | 8.91 | 3.1968 | 2.2424 | -0.0025 | 5.4367 | 0.202 | 0.0624 | -0.0115 | 0.253 |
| 563 | 7.95 | 8.9 | 3.1965 | 2.2434 | -0.0024 | 5.4375 | 0.1935 | 0.0613 | -0.0116 | 0.2432 |
| 564 | 8.12 | 8.94 | 3.1962 | 2.2443 | -0.0023 | 5.4382 | 0.186 | 0.0607 | -0.0115 | 0.2352 |
| 565 | 8.43 | 8.98 | 3.196 | 2.2449 | -0.0021 | 5.4388 | 0.1786 | 0.0654 | -0.0101 | 0.2339 |
| 566 | 8.57 | 8.98 | 3.1953 | 2.2455 | -0.0019 | 5.439 | 0.1691 | 0.0603 | -0.0082 | 0.2212 |
| 567 | 8.81 | 9.05 | 3.1933 | 2.2462 | -0.0018 | 5.4377 | 0.1683 | 0.0542 | -0.0101 | 0.2124 |
| 568 | 8.88 | 9.12 | 3.192 | 2.2466 | -0.0019 | 5.4366 | 0.1607 | 0.0453 | -0.0057 | 0.2003 |
| 569 | 9.51 | 9.2 | 3.1907 | 2.2468 | -0.002 | 5.4355 | 0.1545 | 0.0428 | -0.0059 | 0.1915 |
| 570 | 8.6 | 9.32 | 3.1887 | 2.2468 | -0.0022 | 5.4333 | 0.1383 | 0.0434 | -0.0071 | 0.1746 |
| 571 | 9.88 | 9.42 | 3.188 | 2.2473 | -0.0022 | 5.4331 | 0.1247 | 0.0443 | -0.006 | 0.163 |
| 572 | 9.25 | 9.53 | 3.1877 | 2.247 | -0.0021 | 5.4326 | 0.1181 | 0.054 | -0.006 | 0.1661 |
| 573 | 9.82 | 9.69 | 3.188 | 2.2468 | -0.0022 | 5.4326 | 0.0989 | 0.0569 | -0.0032 | 0.1526 |
| 574 | 10.2 | 9.82 | 3.1885 | 2.2464 | -0.0021 | 5.4328 | 0.0686 | 0.0631 | -0.0004 | 0.1313 |
| 575 | 9.77 | 9.92 | 3.1866 | 2.2464 | -0.002 | 5.431 | 0.0465 | 0.0851 | 0.0018 | 0.1334 |
| 576 | 10.5 | 10 | 3.1837 | 2.2471 | -0.0021 | 5.4286 | 0.027 | 0.0979 | 0.0015 | 0.1265 |
| 577 | 10.4 | 10.1 | 3.1826 | 2.2476 | -0.002 | 5.4281 | 0.0159 | 0.1022 | 0.0007 | 0.1187 |
| 578 | 10.5 | 10.2 | 3.1812 | 2.2475 | -0.002 | 5.4267 | 0.0221 | 0.1086 | -0.0019 | 0.1288 |
| 579 | 11.1 | 10.2 | 3.1798 | 2.247 | -0.0022 | 5.4245 | 0.0286 | 0.1084 | -0.0018 | 0.1352 |
| 580 | 10.7 | 10.3 | 3.1794 | 2.2466 | -0.0022 | 5.4238 | 0.0619 | 0.0974 | -0.0002 | 0.159 |
| 581 | 10.1 | 10.3 | 3.1789 | 2.2456 | -0.0022 | 5.4223 | 0.0791 | 0.0839 | 0.0026 | 0.1656 |
| 582 | 11 | 10.3 | 3.1775 | 2.2457 | -0.0023 | 5.4209 | 0.0978 | 0.08 | 0.0023 | 0.1801 |
| 583 | 10.5 | 10.4 | 3.1758 | 2.2454 | -0.0022 | 5.419 | 0.1056 | 0.0809 | 0.0004 | 0.1868 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 584 | 10.4 | 10.3 | 3.1745 | 2.2457 | -0.0022 | 5.418 | 0.1081 | 0.0783 | -0.0015 | 0.1849 |
| 585 | 10.3 | 10.3 | 3.1761 | 2.2455 | -0.002 | 5.4196 | 0.1045 | 0.0846 | -0.0023 | 0.1868 |
| 586 | 10.6 | 10.3 | 3.1791 | 2.2453 | -0.0018 | 5.4225 | 0.0962 | 0.0911 | -0.003 | 0.1843 |
| 587 | 10.9 | 10.3 | 3.1805 | 2.2449 | -0.0017 | 5.4236 | 0.079 | 0.0932 | -0.0038 | 0.1684 |
| 588 | 10.2 | 10.3 | 3.1815 | 2.2445 | -0.0019 | 5.4241 | 0.0518 | 0.095 | -0.0051 | 0.1418 |
| 589 | 9.79 | 10.3 | 3.1826 | 2.2442 | -0.0019 | 5.4249 | 0.0227 | 0.0936 | -0.006 | 0.1103 |
| 590 | 9.96 | 10.3 | 3.1839 | 2.2432 | -0.0017 | 5.4253 | 0.0137 | 0.0944 | -0.0066 | 0.1015 |
| 591 | 9.79 | 10.3 | 3.1826 | 2.2428 | -0.0016 | 5.4238 | 0.0123 | 0.0962 | -0.0054 | 0.103 |
| 592 | 10.4 | 10.2 | 3.1804 | 2.2435 | -0.0015 | 5.4224 | 0.0269 | 0.092 | -0.0092 | 0.1096 |
| 593 | 9.56 | 10.2 | 3.1806 | 2.2437 | -0.0018 | 5.4225 | 0.0423 | 0.0883 | -0.0103 | 0.1204 |
| 594 | 9.8 | 10.2 | 3.1815 | 2.2437 | -0.002 | 5.4232 | 0.0618 | 0.084 | -0.0099 | 0.136 |
| 595 | 10.1 | 10.1 | 3.1817 | 2.2436 | -0.0019 | 5.4234 | 0.0858 | 0.0799 | -0.0149 | 0.1508 |
| 596 | 10.4 | 10.1 | 3.1808 | 2.2441 | -0.0019 | 5.423 | 0.103 | 0.0788 | -0.019 | 0.1628 |
| 597 | 10.8 | 10.1 | 3.1807 | 2.2439 | -0.0019 | 5.4227 | 0.0963 | 0.0734 | -0.0183 | 0.1514 |
| 598 | 10.3 | 10.1 | 3.1795 | 2.244 | -0.0019 | 5.4215 | 0.0844 | 0.0708 | -0.0197 | 0.1354 |
| 599 | 10.3 | 10.1 | 3.1761 | 2.2443 | -0.002 | 5.4184 | 0.0913 | 0.0525 | -0.0208 | 0.123 |
| 600 | 10.1 | 10.1 | 3.1737 | 2.2446 | -0.002 | 5.4162 | 0.108 | 0.0422 | -0.0181 | 0.1321 |
| 601 | 10.1 | 10.1 | 3.1729 | 2.2446 | -0.002 | 5.4155 | 0.1106 | 0.0257 | -0.0145 | 0.1219 |
| 602 | 9.99 | 10 | 3.1716 | 2.2443 | -0.0022 | 5.4136 | 0.1138 | 0.0135 | -0.0111 | 0.1162 |
| 603 | 10.1 | 10 | 3.1694 | 2.2441 | -0.0024 | 5.4112 | 0.1292 | 0.0054 | -0.0133 | 0.1213 |
| 604 | 9.58 | 10 | 3.1682 | 2.244 | -0.0026 | 5.4096 | 0.1383 | -0.009 | -0.0119 | 0.1174 |
| 605 | 9.5 | 9.99 | 3.1677 | 2.244 | -0.0028 | 5.4089 | 0.1715 | -0.0235 | -0.0077 | 0.1403 |
| 606 | 10.5 | 9.94 | 3.169 | 2.2432 | -0.0032 | 5.409 | 0.205 | -0.0379 | -0.0044 | 0.1627 |
| 607 | 9.93 | 9.88 | 3.1699 | 2.2424 | -0.0034 | 5.4089 | 0.2231 | -0.0349 | -0.0034 | 0.1849 |
| 608 | 10.4 | 9.81 | 3.1704 | 2.2421 | -0.0034 | 5.4091 | 0.2353 | -0.0364 | -0.0048 | 0.1941 |
| 609 | 10.3 | 9.77 | 3.1704 | 2.2415 | -0.0034 | 5.4086 | 0.25 | -0.0358 | -0.0045 | 0.2098 |
| 610 | 9.55 | 9.73 | 3.1709 | 2.2411 | -0.0032 | 5.4088 | 0.2809 | -0.0272 | -0.005 | 0.2487 |
| 611 | 9.35 | 9.69 | 3.1718 | 2.241 | -0.0032 | 5.4096 | 0.2913 | -0.0188 | -0.0041 | 0.2685 |
| 612 | 9.42 | 9.66 | 3.1728 | 2.2408 | -0.0031 | 5.4104 | 0.302 | -0.0156 | -0.0048 | 0.2816 |
| 613 | 9.75 | 9.63 | 3.1737 | 2.2404 | -0.0032 | 5.4109 | 0.2956 | -0.0058 | -0.0048 | 0.285 |
| 614 | 9.44 | 9.62 | 3.1747 | 2.2396 | -0.0032 | 5.4112 | 0.2857 | 0.0052 | -0.0037 | 0.2872 |
| 615 | 9.45 | 9.61 | 3.1763 | 2.2396 | -0.0031 | 5.4128 | 0.2552 | 0.0206 | -0.0038 | 0.272 |
| 616 | 9.57 | 9.55 | 3.1773 | 2.2395 | -0.0028 | 5.414 | 0.2527 | 0.0254 | -0.0045 | 0.2736 |
| 617 | 8.97 | 9.52 | 3.1788 | 2.2392 | -0.0028 | 5.4152 | 0.2572 | 0.0281 | -0.0027 | 0.2826 |
| 618 | 9.55 | 9.45 | 3.1797 | 2.2392 | -0.0027 | 5.4162 | 0.2519 | 0.0352 | -0.003 | 0.2841 |
| 619 | 9.48 | 9.45 | 3.1811 | 2.2391 | -0.0025 | 5.4177 | 0.2606 | 0.0424 | -0.0029 | 0.3001 |
| 620 | 9.34 | 9.45 | 3.1824 | 2.2389 | -0.0026 | 5.4187 | 0.2684 | 0.0438 | -0.0034 | 0.3088 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 621 | 9.43 | 9.5 | 3.183 | 2.2383 | -0.0026 | 5.4187 | 0.2597 | 0.042 | -0.0054 | 0.2963 |
| 622 | 9.39 | 9.53 | 3.1853 | 2.2378 | -0.0027 | 5.4204 | 0.2558 | 0.0501 | -0.0036 | 0.3023 |
| 623 | 9.38 | 9.56 | 3.189 | 2.2372 | -0.0029 | 5.4233 | 0.2546 | 0.0511 | -0.0007 | 0.3051 |
| 624 | 9.39 | 9.58 | 3.1922 | 2.2358 | -0.003 | 5.425 | 0.2682 | 0.0509 | -0.0008 | 0.3183 |
| 625 | 9.35 | 9.57 | 3.1947 | 2.2353 | -0.0028 | 5.4273 | 0.2766 | 0.0455 | -0.0006 | 0.3215 |
| 626 | 9.29 | 9.56 | 3.1959 | 2.2351 | -0.0028 | 5.4282 | 0.2531 | 0.0432 | -0.0014 | 0.2949 |
| 627 | 9.06 | 9.56 | 3.1953 | 2.235 | -0.0027 | 5.4276 | 0.1893 | 0.054 | -0.001 | 0.2423 |
| 628 | 10.3 | 9.51 | 3.1947 | 2.2352 | -0.0028 | 5.4271 | 0.1694 | 0.0643 | -0.0002 | 0.2334 |
| 629 | 9.6 | 9.5 | 3.1914 | 2.2363 | -0.0027 | 5.425 | 0.1435 | 0.0669 | 0.001 | 0.2114 |
| 630 | 10.2 | 9.47 | 3.1899 | 2.2376 | -0.0029 | 5.4247 | 0.1163 | 0.0638 | -0.0014 | 0.1787 |
| 631 | 10.1 | 9.42 | 3.1881 | 2.2383 | -0.0029 | 5.4235 | 0.087 | 0.065 | -0.0007 | 0.1513 |
| 632 | 10.2 | 9.42 | 3.187 | 2.2388 | -0.0028 | 5.423 | 0.0597 | 0.0586 | 0.0005 | 0.1188 |
| 633 | 9.84 | 9.43 | 3.1866 | 2.2389 | -0.0026 | 5.4229 | 0.0219 | 0.0631 | -0.0012 | 0.0837 |
| 634 | 9.19 | 9.45 | 3.1868 | 2.2388 | -0.0025 | 5.4231 | -0.013 | 0.063 | -0.0011 | 0.0489 |
| 635 | 9.39 | 9.51 | 3.1874 | 2.2385 | -0.0024 | 5.4235 | -0.0373 | 0.0697 | -0.0015 | 0.0309 |
| 636 | 8.99 | 9.55 | 3.1887 | 2.2383 | -0.0023 | 5.4247 | -0.0305 | 0.0705 | 0.0013 | 0.0413 |
| 637 | 8.67 | 9.59 | 3.1907 | 2.2383 | -0.0022 | 5.4268 | -0.0111 | 0.0735 | 0.0017 | 0.0641 |
| 638 | 9.22 | 9.58 | 3.1931 | 2.2381 | -0.0022 | 5.429 | 0.0039 | 0.0696 | 0.0047 | 0.0782 |
| 639 | 8.77 | 9.62 | 3.1934 | 2.2383 | -0.0022 | 5.4294 | 0.024 | 0.065 | 0.0048 | 0.0939 |
| 640 | 8.48 | 9.62 | 3.1924 | 2.2383 | -0.0026 | 5.4282 | 0.0516 | 0.0653 | 0.004 | 0.121 |
| 641 | 9.47 | 9.62 | 3.1905 | 2.2383 | -0.0023 | 5.4266 | 0.106 | 0.0549 | 0.005 | 0.1659 |
| 642 | 9.5 | 9.65 | 3.1881 | 2.2387 | -0.0022 | 5.4246 | 0.1262 | 0.0509 | 0.0068 | 0.1839 |
| 643 | 9.86 | 9.68 | 3.1855 | 2.2392 | -0.0024 | 5.4223 | 0.0994 | 0.0617 | 0.0092 | 0.1703 |
| 644 | 10.4 | 9.74 | 3.1831 | 2.2395 | -0.0024 | 5.4201 | 0.0795 | 0.0675 | 0.0081 | 0.1551 |
| 645 | 10.2 | 9.76 | 3.1813 | 2.2391 | -0.0025 | 5.4179 | 0.0741 | 0.0733 | 0.0066 | 0.1541 |
| 646 | 9.79 | 9.79 | 3.1814 | 2.2389 | -0.0026 | 5.4177 | 0.0509 | 0.0771 | 0.0087 | 0.1367 |
| 647 | 10 | 9.83 | 3.1821 | 2.2384 | -0.0025 | 5.4179 | 0.0125 | 0.081 | 0.0082 | 0.1017 |
| 648 | 10.4 | 9.84 | 3.1817 | 2.2379 | -0.0024 | 5.4172 | -0.0053 | 0.085 | 0.0071 | 0.0868 |
| 649 | 10.2 | 9.89 | 3.1805 | 2.2384 | -0.0026 | 5.4163 | -0.0296 | 0.0924 | 0.0076 | 0.0704 |
| 650 | 10.1 | 9.98 | 3.1795 | 2.2396 | -0.0028 | 5.4164 | -0.0558 | 0.0979 | 0.009 | 0.0512 |
| 651 | 10.8 | 10 | 3.1781 | 2.2404 | -0.0028 | 5.4156 | -0.026 | 0.1003 | 0.0089 | 0.0831 |
| 652 | 10.3 | 10.1 | 3.1763 | 2.2408 | -0.0024 | 5.4147 | 0.0199 | 0.0924 | 0.0087 | 0.121 |
| 653 | 10.4 | 10.1 | 3.175 | 2.2418 | -0.0025 | 5.4143 | 0.0227 | 0.0913 | 0.0081 | 0.122 |
| 654 | 9.84 | 10 | 3.1726 | 2.2419 | -0.0027 | 5.4118 | 0.013 | 0.091 | 0.0056 | 0.1096 |
| 655 | 9.52 | 10.1 | 3.1714 | 2.2423 | -0.0025 | 5.4112 | 0.0032 | 0.0992 | 0.0041 | 0.1065 |
| 656 | 9.39 | 10.1 | 3.1702 | 2.2422 | -0.0024 | 5.41 | -0.0245 | 0.1165 | 0.002 | 0.094 |
| 657 | 9.51 | 10.1 | 3.1695 | 2.2425 | -0.0023 | 5.4097 | -0.0452 | 0.1158 | -0.0009 | 0.0697 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 658 | 9.73 | 10.1 | 3.1693 | 2.2426 | -0.0024 | 5.4095 | -0.05 | 0.1098 | -0.0005 | 0.0593 |
| 659 | 10.1 | 10.1 | 3.1684 | 2.2425 | -0.0024 | 5.4085 | -0.0399 | 0.1055 | -0.0016 | 0.0639 |
| 660 | 10.1 | 10.1 | 3.1677 | 2.2425 | -0.0022 | 5.408 | -0.0266 | 0.0977 | -0.0044 | 0.0667 |
| 661 | 10.3 | 10.1 | 3.167 | 2.2427 | -0.002 | 5.4077 | -0.0103 | 0.0881 | -0.0031 | 0.0746 |
| 662 | 9.97 | 10.1 | 3.1673 | 2.243 | -0.002 | 5.4082 | 0.0121 | 0.0776 | -0.0025 | 0.0873 |
| 663 | 10.1 | 10.1 | 3.1679 | 2.2429 | -0.002 | 5.4088 | 0.0486 | 0.0698 | -0.0015 | 0.1169 |
| 664 | 10.4 | 10.2 | 3.1707 | 2.2422 | -0.0019 | 5.411 | 0.0695 | 0.0627 | -0.0034 | 0.1288 |
| 665 | 9.85 | 10.3 | 3.1707 | 2.2424 | -0.0017 | 5.4114 | 0.0805 | 0.0645 | -0.0029 | 0.1421 |
| 666 | 10.3 | 10.3 | 3.1696 | 2.2427 | -0.0016 | 5.4107 | 0.107 | 0.0725 | -0.0015 | 0.178 |
| 667 | 10.2 | 10.4 | 3.1681 | 2.2427 | -0.0015 | 5.4093 | 0.1259 | 0.0695 | 0 | 0.1953 |
| 668 | 10.3 | 10.4 | 3.1659 | 2.2423 | -0.0016 | 5.4066 | 0.1369 | 0.0668 | 0.0002 | 0.2039 |
| 669 | 10.7 | 10.5 | 3.1639 | 2.2424 | -0.0017 | 5.4047 | 0.1228 | 0.0745 | 0.0023 | 0.1997 |
| 670 | 10.9 | 10.5 | 3.1627 | 2.2426 | -0.0017 | 5.4036 | 0.11 | 0.0783 | 0.003 | 0.1913 |
| 671 | 10.4 | 10.6 | 3.1624 | 2.2423 | -0.0018 | 5.4028 | 0.0953 | 0.0817 | 0.0028 | 0.1799 |
| 672 | 10.7 | 10.6 | 3.1623 | 2.2419 | -0.002 | 5.4021 | 0.0943 | 0.0779 | 0.003 | 0.1753 |
| 673 | 11.1 | 10.6 | 3.1612 | 2.2417 | -0.0021 | 5.4008 | 0.1018 | 0.0766 | -0.0001 | 0.1783 |
| 674 | 10.9 | 10.6 | 3.1608 | 2.2419 | -0.002 | 5.4007 | 0.1421 | 0.0734 | -0.0025 | 0.213 |
| 675 | 10.9 | 10.7 | 3.1613 | 2.2421 | -0.0019 | 5.4015 | 0.1649 | 0.0636 | -0.0027 | 0.2259 |
| 676 | 10.6 | 10.7 | 3.1648 | 2.2417 | -0.002 | 5.4044 | 0.175 | 0.0596 | -0.0016 | 0.233 |
| 677 | 10.7 | 10.8 | 3.1656 | 2.2411 | -0.002 | 5.4047 | 0.1537 | 0.0598 | -0.0039 | 0.2096 |
| 678 | 10.8 | 10.8 | 3.1669 | 2.2408 | -0.0021 | 5.4056 | 0.13 | 0.0669 | -0.0021 | 0.1949 |
| 679 | 10.7 | 10.8 | 3.1681 | 2.2406 | -0.0021 | 5.4067 | 0.1185 | 0.0705 | -0.0014 | 0.1875 |
| 680 | 11 | 10.8 | 3.1707 | 2.2401 | -0.0021 | 5.4087 | 0.1115 | 0.0812 | 0.0004 | 0.193 |
| 681 | 10.8 | 10.8 | 3.173 | 2.2397 | -0.0023 | 5.4104 | 0.1231 | 0.0945 | -0.001 | 0.2166 |
| 682 | 10.6 | 10.8 | 3.1753 | 2.2394 | -0.0022 | 5.4126 | 0.1303 | 0.1048 | -0.0018 | 0.2333 |
| 683 | 10.9 | 10.8 | 3.1771 | 2.2391 | -0.0021 | 5.4141 | 0.1453 | 0.1109 | 0.0007 | 0.257 |
| 684 | 10.6 | 10.8 | 3.1783 | 2.2387 | -0.0021 | 5.4149 | 0.1519 | 0.1142 | 0.0045 | 0.2706 |
| 685 | 10.8 | 10.8 | 3.1791 | 2.2384 | -0.0021 | 5.4154 | 0.1429 | 0.1226 | 0.0052 | 0.2707 |
| 686 | 11.3 | 10.8 | 3.1802 | 2.2379 | -0.002 | 5.4161 | 0.1404 | 0.1249 | 0.006 | 0.2713 |
| 687 | 10.9 | 10.7 | 3.1801 | 2.2379 | -0.0022 | 5.4158 | 0.1437 | 0.13 | 0.0065 | 0.2802 |
| 688 | 10.5 | 10.7 | 3.1791 | 2.238 | -0.0024 | 5.4147 | 0.1476 | 0.135 | 0.0076 | 0.2902 |
| 689 | 10.7 | 10.7 | 3.1775 | 2.2376 | -0.0023 | 5.4128 | 0.1659 | 0.1309 | 0.0103 | 0.3071 |
| 690 | 11.1 | 10.7 | 3.1733 | 2.2377 | -0.0022 | 5.4088 | 0.147 | 0.1342 | 0.0107 | 0.2919 |
| 691 | 10.8 | 10.6 | 3.17 | 2.2377 | -0.0023 | 5.4054 | 0.1002 | 0.138 | 0.0052 | 0.2434 |
| 692 | 10.4 | 10.6 | 3.1705 | 2.2373 | -0.0024 | 5.4054 | 0.0634 | 0.1413 | 0.008 | 0.2127 |
| 693 | 10.5 | 10.6 | 3.1726 | 2.2369 | -0.0026 | 5.407 | 0.0253 | 0.1449 | 0.0095 | 0.1797 |
| 694 | 10.5 | 10.5 | 3.1741 | 2.2364 | -0.0027 | 5.4078 | -0.009 | 0.1496 | 0.0082 | 0.1488 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 695 | 10.6 | 10.5 | 3.1766 | 2.2359 | -0.0028 | 5.4097 | -0.0321 | 0.1515 | 0.0085 | 0.1279 |
| 696 | 9.99 | 10.4 | 3.1796 | 2.236 | -0.0027 | 5.4128 | -0.0416 | 0.1481 | 0.0105 | 0.117 |
| 697 | 10.7 | 10.4 | 3.1812 | 2.2354 | -0.0026 | 5.414 | -0.0336 | 0.1512 | 0.0105 | 0.128 |
| 698 | 10.5 | 10.4 | 3.1824 | 2.2347 | -0.0027 | 5.4145 | -0.018 | 0.1563 | 0.0118 | 0.1501 |
| 699 | 10.3 | 10.4 | 3.1816 | 2.2345 | -0.0029 | 5.4132 | -0.0045 | 0.1564 | 0.0129 | 0.1647 |
| 700 | 10.3 | 10.4 | 3.1763 | 2.2345 | -0.0029 | 5.4079 | -0.0033 | 0.1572 | 0.0117 | 0.1656 |
| 701 | 10 | 10.3 | 3.1709 | 2.2354 | -0.0029 | 5.4034 | -0.0056 | 0.1689 | 0.0096 | 0.1729 |
| 702 | 9.95 | 10.3 | 3.1693 | 2.2352 | -0.003 | 5.4014 | -0.0165 | 0.1816 | 0.0073 | 0.1724 |
| 703 | 10 | 10.3 | 3.1681 | 2.235 | -0.0029 | 5.4002 | -0.025 | 0.1857 | 0.0073 | 0.1679 |
| 704 | 9.71 | 10.2 | 3.1678 | 2.2341 | -0.003 | 5.3989 | -0.0432 | 0.1925 | 0.0025 | 0.1518 |
| 705 | 10.3 | 10.2 | 3.1702 | 2.2324 | -0.003 | 5.3995 | -0.0817 | 0.1911 | 0.0003 | 0.1097 |
| 706 | 10.8 | 10.2 | 3.1735 | 2.2316 | -0.0031 | 5.402 | -0.103 | 0.1938 | 0.0032 | 0.094 |
| 707 | 10.3 | 10.2 | 3.1749 | 2.2314 | -0.0033 | 5.4029 | -0.127 | 0.1944 | 0.0053 | 0.0727 |
| 708 | 10.3 | 10.1 | 3.1744 | 2.2315 | -0.0032 | 5.4027 | -0.1324 | 0.1827 | 0.0051 | 0.0554 |
| 709 | 10.7 | 10.1 | 3.1731 | 2.2318 | -0.0029 | 5.402 | -0.143 | 0.185 | 0.0055 | 0.0475 |
| 710 | 9.96 | 10.1 | 3.1719 | 2.2323 | -0.0029 | 5.4013 | -0.156 | 0.1817 | 0.0032 | 0.0288 |
| 711 | 10.1 | 10.1 | 3.1705 | 2.2332 | -0.0029 | 5.4009 | -0.1633 | 0.1814 | 0.0004 | 0.0185 |
| 712 | 9.9 | 10.1 | 3.1679 | 2.2338 | -0.003 | 5.3987 | -0.1701 | 0.1868 | 0.0013 | 0.0179 |
| 713 | 10.1 | 10.1 | 3.1668 | 2.2341 | -0.0029 | 5.398 | -0.1645 | 0.1901 | 0.0031 | 0.0288 |
| 714 | 9.79 | 10.1 | 3.1667 | 2.2332 | -0.0029 | 5.397 | -0.1548 | 0.1854 | 0.0047 | 0.0353 |
| 715 | 9.93 | 10.1 | 3.1656 | 2.2323 | -0.003 | 5.395 | -0.1314 | 0.1756 | 0.0062 | 0.0504 |
| 716 | 10 | 10 | 3.1647 | 2.2325 | -0.0028 | 5.3945 | -0.1394 | 0.1783 | 0.0072 | 0.0461 |
| 717 | 9.77 | 9.97 | 3.1651 | 2.2325 | -0.0028 | 5.3948 | -0.1474 | 0.1831 | 0.0084 | 0.0442 |
| 718 | 10.5 | 9.97 | 3.1674 | 2.2317 | -0.0029 | 5.3962 | -0.1599 | 0.1836 | 0.011 | 0.0347 |
| 719 | 9.8 | 9.96 | 3.1701 | 2.2312 | -0.0028 | 5.3986 | -0.1807 | 0.175 | 0.0153 | 0.0097 |
| 720 | 10.2 | 9.99 | 3.1729 | 2.2307 | -0.0029 | 5.4007 | -0.1928 | 0.1736 | 0.0176 | -0.0016 |
| 721 | 9.44 | 10 | 3.1736 | 2.2305 | -0.0029 | 5.4012 | -0.1794 | 0.1754 | 0.0179 | 0.0139 |
| 722 | 10 | 10.1 | 3.1751 | 2.2302 | -0.0027 | 5.4026 | -0.1764 | 0.18 | 0.0143 | 0.018 |
| 723 | 9.49 | 10.1 | 3.1748 | 2.2299 | -0.0026 | 5.402 | -0.1524 | 0.1763 | 0.0124 | 0.0363 |
| 724 | 10 | 10.2 | 3.1757 | 2.2295 | -0.0027 | 5.4024 | -0.1279 | 0.1727 | 0.0135 | 0.0582 |
| 725 | 9.65 | 10.2 | 3.1772 | 2.2294 | -0.0026 | 5.404 | -0.1183 | 0.174 | 0.0143 | 0.07 |
| 726 | 9.68 | 10.2 | 3.1805 | 2.2291 | -0.0024 | 5.4073 | -0.1104 | 0.1777 | 0.0157 | 0.0829 |
| 727 | 10.4 | 10.3 | 3.1823 | 2.2283 | -0.0025 | 5.4081 | -0.0828 | 0.1728 | 0.015 | 0.105 |
| 728 | 10.4 | 10.3 | 3.1829 | 2.2281 | -0.0027 | 5.4083 | -0.1014 | 0.1706 | 0.0173 | 0.0865 |
| 729 | 10.5 | 10.3 | 3.1803 | 2.2282 | -0.0028 | 5.4057 | -0.1014 | 0.1714 | 0.017 | 0.087 |
| 730 | 10.8 | 10.3 | 3.1776 | 2.2282 | -0.0028 | 5.403 | -0.0878 | 0.1743 | 0.016 | 0.1025 |
| 731 | 10.8 | 10.3 | 3.175 | 2.2279 | -0.0027 | 5.4002 | -0.0461 | 0.174 | 0.0154 | 0.1432 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 732 | 10.4 | 10.3 | 3.1725 | 2.2277 | -0.0029 | 5.3973 | -0.0161 | 0.1748 | 0.0121 | 0.1708 |
| 733 | 11.2 | 10.4 | 3.1714 | 2.2275 | -0.0031 | 5.3958 | 0.0046 | 0.1722 | 0.0101 | 0.187 |
| 734 | 10.5 | 10.3 | 3.1725 | 2.2266 | -0.003 | 5.396 | 0.0142 | 0.1733 | 0.008 | 0.1955 |
| 735 | 10.9 | 10.3 | 3.1733 | 2.226 | -0.003 | 5.3963 | 0.0115 | 0.1718 | 0.0075 | 0.1909 |
| 736 | 11 | 10.4 | 3.1743 | 2.2253 | -0.003 | 5.3967 | 0.0065 | 0.1728 | 0.0081 | 0.1874 |
| 737 | 10.2 | 10.3 | 3.1759 | 2.2248 | -0.003 | 5.3977 | 0.0027 | 0.1713 | 0.0113 | 0.1853 |
| 738 | 10.2 | 10.3 | 3.1765 | 2.225 | -0.0032 | 5.3983 | -0.0128 | 0.1782 | 0.0085 | 0.1738 |
| 739 | 10.3 | 10.2 | 3.1787 | 2.2249 | -0.0033 | 5.4002 | -0.0461 | 0.1847 | 0.0053 | 0.1439 |
| 740 | 10.1 | 10.2 | 3.1824 | 2.2245 | -0.0031 | 5.4038 | -0.0747 | 0.1857 | 0.0053 | 0.1164 |
| 741 | 9.75 | 10.1 | 3.1842 | 2.2242 | -0.0031 | 5.4053 | -0.1244 | 0.1813 | 0.0047 | 0.0616 |
| 742 | 10 | 10.1 | 3.1856 | 2.2242 | -0.0032 | 5.4066 | -0.1676 | 0.1794 | 0.0043 | 0.0162 |
| 743 | 9.46 | 9.99 | 3.1864 | 2.2242 | -0.0032 | 5.4074 | -0.1688 | 0.1768 | 0.0053 | 0.0133 |
| 744 | 9.75 | 9.96 | 3.1863 | 2.2243 | -0.0033 | 5.4073 | -0.1544 | 0.1725 | 0.001 | 0.0191 |
| 745 | 9.97 | 9.88 | 3.1855 | 2.2243 | -0.0035 | 5.4062 | -0.1487 | 0.1733 | -0.0026 | 0.022 |
| 746 | 9.54 | 9.81 | 3.1848 | 2.2238 | -0.0036 | 5.4049 | -0.1279 | 0.1717 | -0.0037 | 0.0401 |
| 747 | 9.43 | 9.79 | 3.1839 | 2.2227 | -0.0037 | 5.4029 | -0.1076 | 0.174 | -0.0027 | 0.0637 |
| 748 | 9.87 | 9.75 | 3.1821 | 2.2223 | -0.0037 | 5.4007 | -0.0968 | 0.1653 | -0.0011 | 0.0674 |
| 749 | 9.93 | 9.7 | 3.1808 | 2.2227 | -0.0037 | 5.3997 | -0.0907 | 0.16 | -0.0013 | 0.0681 |
| 750 | 9.59 | 9.68 | 3.1801 | 2.2228 | -0.0038 | 5.3991 | -0.1061 | 0.1634 | -0.003 | 0.0543 |
| 751 | 9.48 | 9.69 | 3.1797 | 2.2222 | -0.0035 | 5.3984 | -0.1596 | 0.1644 | -0.0029 | 0.002 |
| 752 | 9.74 | 9.7 | 3.1788 | 2.2223 | -0.0031 | 5.3979 | -0.205 | 0.1735 | -0.0027 | -0.0342 |
| 753 | 9.88 | 9.73 | 3.1793 | 2.2226 | -0.0028 | 5.3991 | -0.1878 | 0.1577 | -0.0044 | -0.0345 |
| 754 | 9.5 | 9.74 | 3.1808 | 2.2228 | -0.0027 | 5.4009 | -0.1745 | 0.1557 | -0.0024 | -0.0212 |
| 755 | 9.56 | 9.73 | 3.1817 | 2.2229 | -0.0028 | 5.4018 | -0.1729 | 0.1519 | -0.0028 | -0.0239 |
| 756 | 9.91 | 9.74 | 3.1829 | 2.2228 | -0.0029 | 5.4028 | -0.147 | 0.134 | -0.0023 | -0.0153 |
| 757 | 9.39 | 9.75 | 3.1828 | 2.2242 | -0.0028 | 5.4042 | -0.1171 | 0.1261 | -0.0047 | 0.0043 |
| 758 | 9.47 | 9.76 | 3.1835 | 2.2241 | -0.0029 | 5.4048 | -0.1095 | 0.1239 | -0.0066 | 0.0078 |
| 759 | 9.75 | 9.8 | 3.184 | 2.2243 | -0.0027 | 5.4057 | -0.1261 | 0.1245 | -0.0049 | -0.0065 |
| 760 | 9.96 | 9.81 | 3.184 | 2.2244 | -0.0022 | 5.4062 | -0.1518 | 0.1268 | -0.0017 | -0.0267 |
| 761 | 10.2 | 9.84 | 3.184 | 2.2241 | -0.0021 | 5.4059 | -0.1685 | 0.1306 | -0.0003 | -0.0382 |
| 762 | 9.95 | 9.86 | 3.1837 | 2.224 | -0.0023 | 5.4054 | -0.1833 | 0.1439 | 0.0015 | -0.038 |
| 763 | 9.94 | 9.87 | 3.1834 | 2.2244 | -0.0025 | 5.4053 | -0.2186 | 0.1646 | -0.0006 | -0.0546 |
| 764 | 9.82 | 9.89 | 3.1839 | 2.2246 | -0.0025 | 5.406 | -0.235 | 0.1769 | -0.0009 | -0.059 |
| 765 | 9.68 | 9.88 | 3.1847 | 2.2245 | -0.0024 | 5.4068 | -0.217 | 0.176 | -0.0023 | -0.0433 |
| 766 | 9.77 | 9.88 | 3.1844 | 2.2244 | -0.0025 | 5.4063 | -0.2096 | 0.1706 | -0.0056 | -0.0446 |
| 767 | 10 | 9.91 | 3.1841 | 2.2243 | -0.0026 | 5.4058 | -0.2167 | 0.1745 | -0.0038 | -0.046 |
| 768 | 10.6 | 9.92 | 3.184 | 2.2248 | -0.0031 | 5.4057 | -0.211 | 0.1761 | -0.0032 | -0.0381 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 769 | 9.89 | 9.96 | 3.1832 | 2.225 | -0.0034 | 5.4048 | -0.2 | 0.1743 | -0.0037 | -0.0293 |
| 770 | 9.95 | 10 | 3.1806 | 2.2251 | -0.0035 | 5.4022 | -0.1779 | 0.171 | -0.0018 | -0.0087 |
| 771 | 10.1 | 9.97 | 3.18 | 2.2243 | -0.0033 | 5.401 | -0.1629 | 0.1675 | -0.0003 | 0.0043 |
| 772 | 10.2 | 9.97 | 3.1775 | 2.2242 | -0.0033 | 5.3984 | -0.168 | 0.1687 | 0.0004 | 0.0011 |
| 773 | 9.86 | 9.99 | 3.174 | 2.2245 | -0.0035 | 5.395 | -0.1493 | 0.1652 | 0.002 | 0.018 |
| 774 | 9.39 | 10 | 3.1726 | 2.2245 | -0.0034 | 5.3937 | -0.1483 | 0.1584 | 0.0029 | 0.0129 |
| 775 | 9.82 | 10.1 | 3.1723 | 2.2243 | -0.0035 | 5.3932 | -0.1356 | 0.1483 | 0.002 | 0.0147 |
| 776 | 10 | 10.1 | 3.173 | 2.2244 | -0.0035 | 5.3939 | -0.1046 | 0.1381 | 0.0048 | 0.0383 |
| 777 | 9.64 | 10.1 | 3.1758 | 2.2241 | -0.0037 | 5.3961 | -0.049 | 0.1331 | 0.005 | 0.089 |
| 778 | 10.5 | 10.1 | 3.177 | 2.2236 | -0.0038 | 5.3969 | -0.0185 | 0.1186 | 0.003 | 0.1031 |
| 779 | 10.8 | 10.1 | 3.1769 | 2.2232 | -0.0037 | 5.3964 | -0.011 | 0.1204 | 0.0016 | 0.111 |
| 780 | 9.41 | 10.2 | 3.1753 | 2.2227 | -0.0037 | 5.3944 | -0.036 | 0.1217 | 0.0023 | 0.088 |
| 781 | 10.1 | 10.1 | 3.1746 | 2.2222 | -0.0035 | 5.3933 | -0.0617 | 0.119 | 0.0044 | 0.0617 |
| 782 | 10.3 | 10.1 | 3.1749 | 2.2222 | -0.0032 | 5.3939 | -0.0813 | 0.1132 | 0.0063 | 0.0382 |
| 783 | 10.6 | 10.1 | 3.1756 | 2.2218 | -0.0029 | 5.3945 | -0.0925 | 0.1162 | 0.004 | 0.0276 |
| 784 | 10.3 | 10.1 | 3.1771 | 2.2215 | -0.0029 | 5.3958 | -0.0862 | 0.1189 | -0.0017 | 0.031 |
| 785 | 10.3 | 10.2 | 3.1785 | 2.2211 | -0.0029 | 5.3967 | -0.0682 | 0.1098 | -0.0028 | 0.0388 |
| 786 | 10.8 | 10.2 | 3.1799 | 2.2208 | -0.0031 | 5.3976 | -0.0597 | 0.1023 | -0.0056 | 0.0371 |
| 787 | 10.3 | 10.2 | 3.1813 | 2.2201 | -0.0031 | 5.3984 | -0.0412 | 0.0877 | -0.0029 | 0.0436 |
| 788 | 10.1 | 10.2 | 3.1837 | 2.2196 | -0.0029 | 5.4003 | 0.0075 | 0.0751 | 0.0013 | 0.0839 |
| 789 | 10.6 | 10.2 | 3.1849 | 2.219 | -0.0028 | 5.4012 | 0.0305 | 0.0842 | -0.0022 | 0.1126 |
| 790 | 9.67 | 10.2 | 3.1857 | 2.2196 | -0.0027 | 5.4026 | 0.0486 | 0.0931 | -0.0021 | 0.1396 |
| 791 | 9.74 | 10.2 | 3.1868 | 2.2198 | -0.0027 | 5.4038 | 0.0663 | 0.0953 | -0.0003 | 0.1613 |
| 792 | 9.85 | 10.2 | 3.1874 | 2.2197 | -0.003 | 5.4041 | 0.0763 | 0.0929 | 0.001 | 0.1701 |
| 793 | 9.97 | 10.2 | 3.1881 | 2.2197 | -0.0027 | 5.4051 | 0.1003 | 0.0911 | 0.0003 | 0.1917 |
| 794 | 10.5 | 10.1 | 3.189 | 2.219 | -0.0024 | 5.4056 | 0.1252 | 0.09 | 0.0029 | 0.2181 |
| 795 | 10.3 | 10.1 | 3.1894 | 2.2187 | -0.0024 | 5.4057 | 0.1194 | 0.093 | 0.0025 | 0.2149 |
| 796 | 10.3 | 10.1 | 3.1904 | 2.2186 | -0.0025 | 5.4065 | 0.1112 | 0.0948 | -0.0013 | 0.2047 |
| 797 | 10.1 | 10 | 3.1909 | 2.2189 | -0.0025 | 5.4073 | 0.1212 | 0.0868 | -0.0025 | 0.2056 |
| 798 | 9.81 | 10 | 3.1915 | 2.2187 | -0.0026 | 5.4077 | 0.1133 | 0.0783 | -0.0022 | 0.1894 |
| 799 | 10.5 | 9.98 | 3.1922 | 2.2182 | -0.0026 | 5.4078 | 0.101 | 0.0692 | -0.0028 | 0.1673 |
| 800 | 10.3 | 9.99 | 3.1922 | 2.2181 | -0.0026 | 5.4077 | 0.1008 | 0.0684 | 0.0003 | 0.1695 |
| 801 | 10.3 | 9.98 | 3.1914 | 2.218 | -0.0026 | 5.4069 | 0.0667 | 0.0777 | 0.0035 | 0.1479 |
| 802 | 9.71 | 9.96 | 3.1881 | 2.2194 | -0.0026 | 5.4049 | 0.0413 | 0.0857 | 0.0059 | 0.1329 |
| 803 | 9.45 | 9.95 | 3.1856 | 2.2195 | -0.0027 | 5.4023 | 0.0228 | 0.0935 | 0.012 | 0.1284 |
| 804 | 10 | 9.94 | 3.1851 | 2.2189 | -0.0027 | 5.4013 | 0.0233 | 0.1041 | 0.0175 | 0.1449 |
| 805 | 9.83 | 9.92 | 3.1849 | 2.219 | -0.0028 | 5.401 | 0.0388 | 0.1175 | 0.0186 | 0.175 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 806 | 9.79 | 9.91 | 3.1852 | 2.219 | -0.0027 | 5.4016 | 0.0579 | 0.1251 | 0.0153 | 0.1983 |
| 807 | 9.59 | 9.93 | 3.1859 | 2.219 | -0.0027 | 5.4022 | 0.078 | 0.1331 | 0.0115 | 0.2226 |
| 808 | 9.92 | 9.93 | 3.187 | 2.2191 | -0.0027 | 5.4033 | 0.0645 | 0.157 | 0.0093 | 0.2308 |
| 809 | 9.92 | 9.9 | 3.1883 | 2.2191 | -0.0028 | 5.4046 | 0.0481 | 0.1609 | 0.007 | 0.2159 |
| 810 | 9.52 | 9.89 | 3.1888 | 2.2192 | -0.0029 | 5.4051 | 0.0284 | 0.1711 | 0.008 | 0.2076 |
| 811 | 9.51 | 9.86 | 3.1889 | 2.2188 | -0.0031 | 5.4047 | 0.0033 | 0.1849 | 0.0145 | 0.2026 |
| 812 | 9.72 | 9.87 | 3.1898 | 2.2173 | -0.0029 | 5.4042 | -0.0223 | 0.1875 | 0.0146 | 0.1798 |
| 813 | 10.4 | 9.89 | 3.1903 | 2.2165 | -0.0028 | 5.4039 | -0.0493 | 0.1896 | 0.0085 | 0.1487 |
| 814 | 9.84 | 9.89 | 3.1884 | 2.2156 | -0.0027 | 5.4013 | -0.0598 | 0.1908 | -0.0014 | 0.1296 |
| 815 | 10.1 | 9.86 | 3.1866 | 2.2153 | -0.0024 | 5.3995 | -0.058 | 0.1874 | 0.0013 | 0.1307 |
| 816 | 10.5 | 9.86 | 3.1864 | 2.2151 | -0.0024 | 5.3991 | -0.048 | 0.1836 | 0.0068 | 0.1424 |
| 817 | 9.8 | 9.85 | 3.1862 | 2.2149 | -0.0025 | 5.3986 | -0.0493 | 0.1831 | 0.0057 | 0.1396 |
| 818 | 9.94 | 9.84 | 3.1874 | 2.2143 | -0.0025 | 5.3992 | -0.0462 | 0.18 | 0.0021 | 0.136 |
| 819 | 10.1 | 9.86 | 3.1879 | 2.2141 | -0.0026 | 5.3994 | -0.0294 | 0.1867 | -0.0024 | 0.1548 |
| 820 | 9.68 | 9.89 | 3.1892 | 2.2139 | -0.0029 | 5.4003 | -0.0167 | 0.1863 | -0.0006 | 0.169 |
| 821 | 9.9 | 9.9 | 3.1904 | 2.2136 | -0.0029 | 5.4011 | -0.0289 | 0.1846 | 0.0019 | 0.1577 |
| 822 | 9.88 | 9.93 | 3.19 | 2.2137 | -0.0029 | 5.4008 | -0.0276 | 0.1783 | 0.0051 | 0.1558 |
| 823 | 10 | 9.9 | 3.1896 | 2.214 | -0.0029 | 5.4008 | -0.0458 | 0.1775 | 0.0043 | 0.1359 |
| 824 | 9.25 | 9.88 | 3.1892 | 2.2146 | -0.0029 | 5.401 | -0.0692 | 0.1815 | -0.0005 | 0.1118 |
| 825 | 9.84 | 9.86 | 3.1877 | 2.2156 | -0.0031 | 5.4001 | -0.0772 | 0.1836 | 0.0025 | 0.1089 |
| 826 | 9.35 | 9.8 | 3.1854 | 2.2158 | -0.0029 | 5.3984 | -0.0757 | 0.1788 | 0.0015 | 0.1047 |
| 827 | 9.66 | 9.78 | 3.1842 | 2.2164 | -0.0028 | 5.3978 | -0.063 | 0.1741 | 0.0023 | 0.1134 |
| 828 | 10.3 | 9.75 | 3.184 | 2.2161 | -0.0028 | 5.3972 | -0.0347 | 0.1637 | 0.0005 | 0.1296 |
| 829 | 10.1 | 9.72 | 3.1839 | 2.216 | -0.003 | 5.3969 | -0.0183 | 0.1536 | 0.0009 | 0.1362 |
| 830 | 9.77 | 9.74 | 3.1838 | 2.2163 | -0.0032 | 5.3968 | -0.0098 | 0.1441 | 0.003 | 0.1373 |
| 831 | 10.2 | 9.78 | 3.1832 | 2.2166 | -0.0033 | 5.3964 | -0.0042 | 0.1372 | 0.0038 | 0.1368 |
| 832 | 9.84 | 9.83 | 3.1817 | 2.2161 | -0.0033 | 5.3945 | -0.0052 | 0.1347 | 0.0098 | 0.1392 |
| 833 | 9.37 | 9.85 | 3.18 | 2.2156 | -0.0029 | 5.3927 | -0.0095 | 0.1396 | 0.018 | 0.1481 |
| 834 | 9.74 | 9.92 | 3.1793 | 2.2156 | -0.0027 | 5.3921 | -0.0045 | 0.1387 | 0.0237 | 0.1579 |
| 835 | 9.41 | 9.98 | 3.1793 | 2.2158 | -0.0024 | 5.3926 | 0.0026 | 0.1494 | 0.0245 | 0.1765 |
| 836 | 9.33 | 10.1 | 3.1785 | 2.2165 | -0.0027 | 5.3923 | 0.0062 | 0.1598 | 0.0219 | 0.1879 |
| 837 | 9.39 | 10.1 | 3.1752 | 2.2173 | -0.0031 | 5.3894 | 0.0044 | 0.1664 | 0.0197 | 0.1906 |
| 838 | 9.64 | 10.1 | 3.1735 | 2.2166 | -0.003 | 5.3871 | -0.0018 | 0.1706 | 0.0202 | 0.189 |
| 839 | 10.1 | 10.1 | 3.1738 | 2.2156 | -0.0031 | 5.3863 | 0.0026 | 0.1692 | 0.0202 | 0.192 |
| 840 | 10.6 | 10.1 | 3.1758 | 2.215 | -0.0031 | 5.3877 | -0.0023 | 0.1694 | 0.0199 | 0.1871 |
| 841 | 10.8 | 10.2 | 3.1765 | 2.2149 | -0.0032 | 5.3883 | -0.0188 | 0.1845 | 0.0196 | 0.1852 |
| 842 | 10.5 | 10.2 | 3.1756 | 2.2151 | -0.0032 | 5.3874 | -0.0291 | 0.1965 | 0.0161 | 0.1835 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 843 | 10.5 | 10.3 | 3.1739 | 2.2152 | -0.0035 | 5.3856 | -0.0373 | 0.2093 | 0.0111 | 0.1831 |
| 844 | 11 | 10.3 | 3.1744 | 2.215 | -0.0035 | 5.3858 | -0.0342 | 0.2162 | 0.0116 | 0.1937 |
| 845 | 10.6 | 10.4 | 3.1743 | 2.2148 | -0.0034 | 5.3858 | -0.0229 | 0.2037 | 0.0132 | 0.194 |
| 846 | 10.6 | 10.4 | 3.1727 | 2.2151 | -0.0034 | 5.3844 | -0.0233 | 0.2007 | 0.0156 | 0.193 |
| 847 | 10.1 | 10.4 | 3.1726 | 2.2149 | -0.0035 | 5.384 | -0.0204 | 0.2084 | 0.0135 | 0.2015 |
| 848 | 10.4 | 10.5 | 3.172 | 2.2154 | -0.0034 | 5.384 | -0.0174 | 0.2169 | 0.0089 | 0.2085 |
| 849 | 10.6 | 10.4 | 3.1707 | 2.2159 | -0.0038 | 5.3828 | -0.0204 | 0.2188 | 0.0078 | 0.2061 |
| 850 | 10.9 | 10.4 | 3.1734 | 2.215 | -0.0041 | 5.3843 | -0.0371 | 0.2146 | 0.0098 | 0.1872 |
| 851 | 11.1 | 10.4 | 3.1756 | 2.2136 | -0.0041 | 5.3851 | -0.0554 | 0.2125 | 0.0087 | 0.1658 |
| 852 | 10.8 | 10.4 | 3.1765 | 2.2129 | -0.0043 | 5.3851 | -0.073 | 0.2138 | 0.008 | 0.1488 |
| 853 | 10.2 | 10.3 | 3.177 | 2.2121 | -0.0045 | 5.3846 | -0.1082 | 0.2225 | 0.0085 | 0.1228 |
| 854 | 9.86 | 10.3 | 3.1769 | 2.211 | -0.0046 | 5.3834 | -0.1301 | 0.2213 | 0.0074 | 0.0986 |
| 855 | 9.93 | 10.2 | 3.1759 | 2.2104 | -0.0043 | 5.3819 | -0.1303 | 0.2123 | 0.0068 | 0.0888 |
| 856 | 10.1 | 10.2 | 3.1751 | 2.2095 | -0.004 | 5.3805 | -0.1307 | 0.2036 | 0.0055 | 0.0784 |
| 857 | 9.97 | 10.1 | 3.1763 | 2.2085 | -0.0037 | 5.3811 | -0.1394 | 0.2031 | 0.0097 | 0.0734 |
| 858 | 9.67 | 9.97 | 3.1787 | 2.2081 | -0.0036 | 5.3832 | -0.1381 | 0.202 | 0.0119 | 0.0758 |
| 859 | 10.2 | 9.87 | 3.1812 | 2.2072 | -0.0035 | 5.3849 | -0.1135 | 0.2 | 0.0086 | 0.0951 |
| 860 | 10.2 | 9.8 | 3.1837 | 2.2059 | -0.0037 | 5.3859 | -0.0919 | 0.2048 | 0.0032 | 0.1161 |
| 861 | 10 | 9.73 | 3.1862 | 2.2053 | -0.0036 | 5.3879 | -0.0842 | 0.2039 | 0.0003 | 0.1199 |
| 862 | 9.86 | 9.66 | 3.1886 | 2.205 | -0.0032 | 5.3905 | -0.0744 | 0.1972 | 0.0037 | 0.1265 |
| 863 | 9.91 | 9.64 | 3.1894 | 2.2053 | -0.0023 | 5.3923 | -0.0558 | 0.1826 | 0.0067 | 0.1335 |
| 864 | 9.43 | 9.62 | 3.1897 | 2.2059 | -0.0026 | 5.3929 | -0.0481 | 0.1761 | 0.0099 | 0.1379 |
| 865 | 9.68 | 9.62 | 3.1895 | 2.2062 | -0.0031 | 5.3925 | -0.0622 | 0.166 | 0.0096 | 0.1133 |
| 866 | 8.52 | 9.63 | 3.1893 | 2.2061 | -0.0031 | 5.3923 | -0.0736 | 0.163 | 0.0116 | 0.101 |
| 867 | 8.54 | 9.64 | 3.1887 | 2.2063 | -0.0028 | 5.3922 | -0.066 | 0.1627 | 0.0112 | 0.1078 |
| 868 | 8.57 | 9.68 | 3.1869 | 2.2061 | -0.0029 | 5.3902 | -0.0463 | 0.1627 | 0.013 | 0.1293 |
| 869 | 9.6 | 9.66 | 3.1849 | 2.2064 | -0.0034 | 5.3879 | -0.0204 | 0.1595 | 0.0128 | 0.1519 |
| 870 | 9.81 | 9.67 | 3.1835 | 2.2066 | -0.0036 | 5.3865 | -0.0128 | 0.1612 | 0.0088 | 0.1572 |
| 871 | 9.49 | 9.67 | 3.1828 | 2.2064 | -0.0038 | 5.3855 | 0.0009 | 0.1625 | 0.0065 | 0.1699 |
| 872 | 9.75 | 9.69 | 3.1821 | 2.2065 | -0.0037 | 5.3849 | 0.0136 | 0.1623 | 0.0065 | 0.1825 |
| 873 | 9.54 | 9.68 | 3.1809 | 2.2063 | -0.0034 | 5.3838 | 0.008 | 0.1619 | 0.0057 | 0.1755 |
| 874 | 9.96 | 9.68 | 3.1804 | 2.2061 | -0.0037 | 5.3828 | -0.0012 | 0.1656 | 0.004 | 0.1685 |
| 875 | 10.3 | 9.73 | 3.1799 | 2.2065 | -0.0036 | 5.3827 | -0.0268 | 0.1713 | 0.0047 | 0.1491 |
| 876 | 10.2 | 9.78 | 3.1793 | 2.207 | -0.0037 | 5.3826 | -0.0631 | 0.1846 | 0.0037 | 0.1253 |
| 877 | 10.3 | 9.88 | 3.1792 | 2.2077 | -0.0038 | 5.3831 | -0.0986 | 0.1953 | 0.0055 | 0.1023 |
| 878 | 9.9 | 9.93 | 3.1789 | 2.2083 | -0.0039 | 5.3832 | -0.1198 | 0.2077 | 0.0052 | 0.0931 |
| 879 | 10.3 | 9.94 | 3.1779 | 2.2088 | -0.004 | 5.3827 | -0.1251 | 0.2034 | 0.0038 | 0.0821 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 880 | 10.2 | 9.95 | 3.1757 | 2.209 | -0.0041 | 5.3807 | -0.1249 | 0.2016 | 0.0028 | 0.0795 |
| 881 | 10.1 | 9.97 | 3.1751 | 2.2088 | -0.0044 | 5.3794 | -0.1212 | 0.204 | 0.0023 | 0.0851 |
| 882 | 9.71 | 9.99 | 3.1758 | 2.2082 | -0.005 | 5.379 | -0.1246 | 0.2056 | 0.0034 | 0.0843 |
| 883 | 9.56 | 10 | 3.1761 | 2.2079 | -0.0053 | 5.3787 | -0.1397 | 0.1989 | 0.0082 | 0.0674 |
| 884 | 10.5 | 10 | 3.1769 | 2.2066 | -0.0053 | 5.3781 | -0.1527 | 0.1918 | 0.0117 | 0.0508 |
| 885 | 9.45 | 10.1 | 3.1779 | 2.2052 | -0.0051 | 5.3779 | -0.1628 | 0.1894 | 0.0138 | 0.0404 |
| 886 | 10.4 | 10.1 | 3.1795 | 2.2041 | -0.0051 | 5.3785 | -0.1792 | 0.1897 | 0.0155 | 0.0261 |
| 887 | 9.46 | 10.1 | 3.1815 | 2.203 | -0.0051 | 5.3795 | -0.2063 | 0.2002 | 0.0085 | 0.0024 |
| 888 | 9.87 | 10.1 | 3.1834 | 2.2027 | -0.0049 | 5.3811 | -0.2659 | 0.2137 | -0.0002 | -0.0525 |
| 889 | 10.1 | 10 | 3.1851 | 2.2021 | -0.0048 | 5.3824 | -0.2966 | 0.2084 | -0.0021 | -0.0903 |
| 890 | 9.89 | 10 | 3.1876 | 2.2011 | -0.0047 | 5.3841 | -0.2971 | 0.1952 | -0.0038 | -0.1057 |
| 891 | 10.1 | 9.99 | 3.1897 | 2.2001 | -0.0043 | 5.3855 | -0.2739 | 0.1867 | -0.0062 | -0.0933 |
| 892 | 10.3 | 9.97 | 3.1911 | 2.1987 | -0.0041 | 5.3858 | -0.2601 | 0.1803 | -0.0094 | -0.0892 |
| 893 | 10.3 | 9.96 | 3.1915 | 2.1981 | -0.0039 | 5.3857 | -0.2581 | 0.172 | -0.0101 | -0.0961 |
| 894 | 10.4 | 9.92 | 3.1913 | 2.1987 | -0.0037 | 5.3862 | -0.269 | 0.1664 | -0.011 | -0.1136 |
| 895 | 10.3 | 9.93 | 3.1917 | 2.1986 | -0.004 | 5.3864 | -0.2459 | 0.1598 | -0.0125 | -0.0985 |
| 896 | 10.2 | 9.89 | 3.1924 | 2.1977 | -0.0038 | 5.3863 | -0.2184 | 0.1513 | -0.0118 | -0.079 |
| 897 | 9.87 | 9.89 | 3.1926 | 2.1972 | -0.0034 | 5.3864 | -0.2138 | 0.1475 | -0.0117 | -0.078 |
| 898 | 9.96 | 9.88 | 3.1935 | 2.1969 | -0.0033 | 5.3871 | -0.1982 | 0.1431 | -0.0128 | -0.0679 |
| 899 | 9.4 | 9.87 | 3.196 | 2.1967 | -0.0036 | 5.3891 | -0.1881 | 0.1436 | -0.0125 | -0.0571 |
| 900 | 9.99 | 9.85 | 3.1978 | 2.1968 | -0.0035 | 5.3911 | -0.1869 | 0.1479 | -0.0171 | -0.0561 |
| 901 | 9.44 | 9.83 | 3.1988 | 2.1966 | -0.0034 | 5.392 | -0.151 | 0.1368 | -0.021 | -0.0351 |
| 902 | 9.33 | 9.8 | 3.1989 | 2.1972 | -0.0035 | 5.3926 | -0.1338 | 0.121 | -0.0206 | -0.0334 |
| 903 | 9.79 | 9.77 | 3.1986 | 2.1973 | -0.0034 | 5.3925 | -0.1482 | 0.1121 | -0.0217 | -0.0577 |
| 904 | 9.53 | 9.75 | 3.1982 | 2.1977 | -0.0034 | 5.3924 | -0.1512 | 0.1029 | -0.0225 | -0.0708 |
| 905 | 9.67 | 9.73 | 3.1979 | 2.1986 | -0.0033 | 5.3932 | -0.1452 | 0.0895 | -0.0218 | -0.0775 |
| 906 | 9.51 | 9.76 | 3.1992 | 2.1987 | -0.0036 | 5.3942 | -0.1358 | 0.0838 | -0.0192 | -0.0712 |
| 907 | 9.72 | 9.79 | 3.1997 | 2.1988 | -0.0039 | 5.3946 | -0.1411 | 0.0796 | -0.0174 | -0.0789 |
| 908 | 9.83 | 9.8 | 3.1983 | 2.1991 | -0.0036 | 5.3938 | -0.1252 | 0.0713 | -0.0132 | -0.0672 |
| 909 | 9.62 | 9.85 | 3.1975 | 2.1986 | -0.0031 | 5.393 | -0.0874 | 0.0616 | -0.01 | -0.0359 |
| 910 | 9.65 | 9.84 | 3.1972 | 2.1988 | -0.0029 | 5.3931 | -0.0414 | 0.0506 | -0.0084 | 0.0009 |
| 911 | 9.69 | 9.89 | 3.1963 | 2.1991 | -0.0034 | 5.392 | 0.0257 | 0.0315 | -0.0081 | 0.0491 |
| 912 | 9.66 | 9.9 | 3.1953 | 2.1991 | -0.0036 | 5.3908 | 0.0685 | 0.03 | -0.0085 | 0.0899 |
| 913 | 10 | 9.91 | 3.1951 | 2.1988 | -0.0038 | 5.3901 | 0.0846 | 0.0328 | -0.0057 | 0.1118 |
| 914 | 9.92 | 9.93 | 3.1946 | 2.199 | -0.0037 | 5.39 | 0.0755 | 0.0404 | 0.0017 | 0.1176 |
| 915 | 10.8 | 9.93 | 3.194 | 2.199 | -0.0036 | 5.3894 | 0.0775 | 0.0445 | -0.0006 | 0.1215 |
| 916 | 10.5 | 9.93 | 3.193 | 2.1988 | -0.0035 | 5.3883 | 0.1167 | 0.0418 | -0.0034 | 0.1551 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 917 | 10.2 | 9.93 | 3.1908 | 2.1987 | -0.0038 | 5.3857 | 0.1441 | 0.04 | -0.0035 | 0.1806 |
| 918 | 10.3 | 9.96 | 3.1894 | 2.1983 | -0.0038 | 5.384 | 0.1488 | 0.0269 | -0.0011 | 0.1746 |
| 919 | 9.87 | 9.98 | 3.1892 | 2.198 | -0.0035 | 5.3837 | 0.1281 | 0.0297 | 0.0002 | 0.1581 |
| 920 | 10.3 | 9.97 | 3.1891 | 2.1977 | -0.0035 | 5.3833 | 0.1044 | 0.0393 | -0.0047 | 0.1391 |
| 921 | 9.58 | 9.99 | 3.189 | 2.1974 | -0.0036 | 5.3828 | 0.0964 | 0.0374 | -0.0086 | 0.1251 |
| 922 | 9.92 | 9.99 | 3.1892 | 2.1975 | -0.0035 | 5.3832 | 0.0918 | 0.0417 | -0.0105 | 0.123 |
| 923 | 9.98 | 10 | 3.1898 | 2.1974 | -0.0033 | 5.3839 | 0.088 | 0.0433 | -0.0083 | 0.1229 |
| 924 | 9.63 | 10 | 3.1919 | 2.1975 | -0.0034 | 5.3861 | 0.0696 | 0.049 | -0.0054 | 0.1131 |
| 925 | 9.5 | 9.96 | 3.194 | 2.1971 | -0.0035 | 5.3876 | 0.0566 | 0.0526 | -0.0105 | 0.0987 |
| 926 | 9.73 | 9.97 | 3.1953 | 2.1963 | -0.0035 | 5.3881 | 0.0578 | 0.0541 | -0.0096 | 0.1023 |
| 927 | 10.4 | 9.98 | 3.1962 | 2.1957 | -0.0033 | 5.3885 | 0.0756 | 0.0617 | -0.0088 | 0.1284 |
| 928 | 10.1 | 9.95 | 3.1965 | 2.1957 | -0.0032 | 5.389 | 0.0903 | 0.07 | -0.009 | 0.1513 |
| 929 | 9.46 | 9.96 | 3.1963 | 2.1959 | -0.0033 | 5.3889 | 0.1017 | 0.0687 | -0.009 | 0.1615 |
| 930 | 9.92 | 9.94 | 3.1959 | 2.1959 | -0.0035 | 5.3883 | 0.1037 | 0.0788 | -0.01 | 0.1725 |
| 931 | 9.74 | 9.95 | 3.1956 | 2.196 | -0.0037 | 5.3879 | 0.0866 | 0.0765 | -0.0107 | 0.1524 |
| 932 | 10.3 | 9.91 | 3.1957 | 2.1962 | -0.0041 | 5.3878 | 0.0551 | 0.0915 | -0.0156 | 0.131 |
| 933 | 9.81 | 9.85 | 3.1953 | 2.1964 | -0.0041 | 5.3876 | 0.0541 | 0.0913 | -0.0216 | 0.1237 |
| 934 | 10.1 | 9.86 | 3.1956 | 2.1966 | -0.0041 | 5.3881 | 0.0397 | 0.0841 | -0.0244 | 0.0994 |
| 935 | 10.7 | 9.86 | 3.1972 | 2.1968 | -0.004 | 5.39 | 0.0405 | 0.0662 | -0.026 | 0.0807 |
| 936 | 10.3 | 9.81 | 3.1991 | 2.1965 | -0.0035 | 5.3921 | 0.053 | 0.0532 | -0.025 | 0.0812 |
| 937 | 9.89 | 9.75 | 3.2018 | 2.1959 | -0.0031 | 5.3946 | 0.0746 | 0.0411 | -0.0243 | 0.0914 |
| 938 | 10 | 9.69 | 3.2032 | 2.1957 | -0.0028 | 5.3961 | 0.1017 | 0.0277 | -0.0221 | 0.1073 |
| 939 | 9.88 | 9.7 | 3.2035 | 2.196 | -0.0027 | 5.3968 | 0.119 | 0.0295 | -0.0204 | 0.1281 |
| 940 | 9.69 | 9.67 | 3.2032 | 2.1963 | -0.0024 | 5.397 | 0.1278 | 0.0344 | -0.0198 | 0.1423 |
| 941 | 9.14 | 9.66 | 3.2026 | 2.1969 | -0.0022 | 5.3972 | 0.1498 | 0.0283 | -0.0186 | 0.1596 |
| 942 | 8.91 | 9.62 | 3.2014 | 2.1979 | -0.0022 | 5.397 | 0.1757 | 0.0242 | -0.0124 | 0.1875 |
| 943 | 9.81 | 9.61 | 3.2008 | 2.1986 | -0.0024 | 5.397 | 0.1902 | 0.0082 | -0.0107 | 0.1876 |
| 944 | 9.47 | 9.58 | 3.199 | 2.199 | -0.0023 | 5.3957 | 0.1647 | 0.0222 | -0.0072 | 0.1797 |
| 945 | 8.93 | 9.52 | 3.1962 | 2.1997 | -0.0022 | 5.3937 | 0.1679 | 0.0329 | -0.0039 | 0.1968 |
| 946 | 9.15 | 9.49 | 3.1941 | 2.2003 | -0.0022 | 5.3922 | 0.1744 | 0.0275 | -0.006 | 0.1959 |
| 947 | 9.09 | 9.49 | 3.1924 | 2.2006 | -0.0022 | 5.3908 | 0.1873 | 0.0202 | -0.0042 | 0.2033 |
| 948 | 9.5 | 9.46 | 3.1908 | 2.201 | -0.0022 | 5.3897 | 0.2119 | 0.0108 | 0.0001 | 0.2227 |
| 949 | 9.49 | 9.48 | 3.1894 | 2.2011 | -0.0021 | 5.3884 | 0.224 | 0.0037 | -0.0022 | 0.2256 |
| 950 | 9.56 | 9.49 | 3.1885 | 2.2013 | -0.002 | 5.3878 | 0.2228 | 0.0162 | -0.0077 | 0.2313 |
| 951 | 9.49 | 9.55 | 3.189 | 2.2015 | -0.0021 | 5.3884 | 0.2325 | 0.0233 | -0.0091 | 0.2468 |
| 952 | 9.62 | 9.64 | 3.1913 | 2.2017 | -0.0022 | 5.3908 | 0.2556 | 0.0138 | -0.009 | 0.2604 |
| 953 | 9.47 | 9.65 | 3.1921 | 2.2019 | -0.0023 | 5.3917 | 0.2591 | 0.0175 | -0.0095 | 0.2671 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 954 | 9.41 | 9.7 | 3.1914 | 2.2021 | -0.0024 | 5.3911 | 0.2606 | 0.0298 | -0.0094 | 0.281 |
| 955 | 9.8 | 9.77 | 3.1894 | 2.202 | -0.0024 | 5.3891 | 0.2743 | 0.0232 | -0.01 | 0.2875 |
| 956 | 9.85 | 9.8 | 3.1892 | 2.2015 | -0.0023 | 5.3884 | 0.2912 | 0.0176 | -0.008 | 0.3008 |
| 957 | 9.46 | 9.84 | 3.1889 | 2.2014 | -0.0024 | 5.3878 | 0.3136 | 0.0174 | -0.0085 | 0.3225 |
| 958 | 10.3 | 9.86 | 3.1875 | 2.2019 | -0.0026 | 5.3868 | 0.3358 | 0.0189 | -0.0075 | 0.3472 |
| 959 | 9.85 | 9.92 | 3.1853 | 2.2022 | -0.0027 | 5.3848 | 0.3294 | 0.0249 | -0.0033 | 0.351 |
| 960 | 10.3 | 9.94 | 3.1811 | 2.2027 | -0.0029 | 5.381 | 0.3203 | 0.0292 | 0.005 | 0.3546 |
| 961 | 10.5 | 9.99 | 3.1793 | 2.2023 | -0.0028 | 5.3789 | 0.3161 | 0.0365 | 0.008 | 0.3606 |
| 962 | 10.1 | 10.1 | 3.1802 | 2.2017 | -0.0026 | 5.3793 | 0.3202 | 0.0441 | 0.003 | 0.3673 |
| 963 | 10.5 | 10.1 | 3.1818 | 2.2012 | -0.0025 | 5.3806 | 0.3302 | 0.046 | 0.002 | 0.3783 |
| 964 | 10.2 | 10.2 | 3.1819 | 2.2015 | -0.0026 | 5.3808 | 0.3407 | 0.038 | -0.0015 | 0.3772 |
| 965 | 9.8 | 10.2 | 3.1778 | 2.202 | -0.0028 | 5.377 | 0.3389 | 0.0354 | -0.0014 | 0.373 |
| 966 | 9.76 | 10.2 | 3.1749 | 2.2021 | -0.0027 | 5.3743 | 0.3111 | 0.0608 | 0.0013 | 0.3733 |
| 967 | 9.99 | 10.3 | 3.1738 | 2.2036 | -0.0027 | 5.3748 | 0.3008 | 0.0593 | -0.0003 | 0.3598 |
| 968 | 10.6 | 10.3 | 3.1741 | 2.2032 | -0.0029 | 5.3744 | 0.285 | 0.054 | -0.0032 | 0.3358 |
| 969 | 9.92 | 10.4 | 3.1744 | 2.2025 | -0.0029 | 5.374 | 0.2619 | 0.0472 | -0.0059 | 0.3032 |
| 970 | 10.3 | 10.4 | 3.1739 | 2.2029 | -0.0028 | 5.374 | 0.2587 | 0.0443 | -0.0071 | 0.2959 |
| 971 | 11 | 10.4 | 3.1736 | 2.2023 | -0.0027 | 5.3732 | 0.2541 | 0.0372 | -0.0101 | 0.2812 |
| 972 | 10.5 | 10.5 | 3.1733 | 2.2022 | -0.0029 | 5.3726 | 0.2264 | 0.0469 | -0.0129 | 0.2604 |
| 973 | 10.8 | 10.5 | 3.174 | 2.2014 | -0.0029 | 5.3725 | 0.1885 | 0.0574 | -0.0112 | 0.2348 |
| 974 | 10.6 | 10.5 | 3.1747 | 2.2009 | -0.0026 | 5.3729 | 0.1615 | 0.0665 | -0.009 | 0.2189 |
| 975 | 10.2 | 10.5 | 3.1741 | 2.201 | -0.0027 | 5.3725 | 0.1721 | 0.0654 | -0.009 | 0.2286 |
| 976 | 10.8 | 10.6 | 3.1718 | 2.2008 | -0.0028 | 5.3697 | 0.1769 | 0.0543 | -0.0088 | 0.2224 |
| 977 | 10.8 | 10.6 | 3.1702 | 2.2007 | -0.0029 | 5.368 | 0.1783 | 0.0441 | -0.0085 | 0.2139 |
| 978 | 10.5 | 10.5 | 3.1687 | 2.2014 | -0.003 | 5.3671 | 0.2032 | 0.0369 | -0.0035 | 0.2366 |
| 979 | 11.1 | 10.5 | 3.1675 | 2.2009 | -0.003 | 5.3654 | 0.1837 | 0.0424 | 0.001 | 0.227 |
| 980 | 10.6 | 10.5 | 3.1671 | 2.2014 | -0.003 | 5.3655 | 0.1758 | 0.0485 | -0.0017 | 0.2227 |
| 981 | 10.7 | 10.4 | 3.1696 | 2.1996 | -0.0029 | 5.3663 | 0.1519 | 0.063 | -0.0047 | 0.2103 |
| 982 | 10.9 | 10.4 | 3.1704 | 2.1991 | -0.0028 | 5.3667 | 0.1559 | 0.0657 | -0.0082 | 0.2134 |
| 983 | 10.6 | 10.4 | 3.1721 | 2.1995 | -0.0028 | 5.3688 | 0.1552 | 0.0727 | -0.0152 | 0.2127 |
| 984 | 10.7 | 10.4 | 3.1728 | 2.2 | -0.0027 | 5.3701 | 0.1457 | 0.0669 | -0.016 | 0.1966 |
| 985 | 10.2 | 10.4 | 3.1726 | 2.1999 | -0.0026 | 5.3698 | 0.1302 | 0.0641 | -0.0164 | 0.1779 |
| 986 | 9.92 | 10.3 | 3.172 | 2.2 | -0.0027 | 5.3694 | 0.147 | 0.0625 | -0.0155 | 0.1939 |
| 987 | 9.7 | 10.2 | 3.1713 | 2.2003 | -0.0029 | 5.3687 | 0.1793 | 0.0511 | -0.0103 | 0.2201 |
| 988 | 10 | 10.2 | 3.1715 | 2.1997 | -0.0029 | 5.3683 | 0.2355 | 0.0361 | -0.0045 | 0.2671 |
| 989 | 9.73 | 10.1 | 3.1724 | 2.1987 | -0.0028 | 5.3682 | 0.2855 | 0.0277 | 0.0004 | 0.3136 |
| 990 | 9.81 | 10.1 | 3.1726 | 2.1983 | -0.0028 | 5.3681 | 0.3112 | 0.0256 | 0.002 | 0.3388 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 991 | 9.89 | 10 | 3.1721 | 2.1977 | -0.0031 | 5.3667 | 0.3125 | 0.0312 | 0.0055 | 0.3492 |
| 992 | 10.3 | 9.97 | 3.1721 | 2.1979 | -0.003 | 5.367 | 0.2879 | 0.0436 | 0.0059 | 0.3374 |
| 993 | 10.3 | 9.94 | 3.175 | 2.1958 | -0.0031 | 5.3677 | 0.2454 | 0.0597 | 0.0029 | 0.308 |
| 994 | 10.1 | 9.92 | 3.1745 | 2.1954 | -0.0033 | 5.3665 | 0.2143 | 0.07 | -0.0019 | 0.2825 |
| 995 | 9.6 | 9.91 | 3.1743 | 2.1959 | -0.0034 | 5.3668 | 0.1753 | 0.0786 | -0.0008 | 0.2531 |
| 996 | 10 | 9.91 | 3.1737 | 2.1957 | -0.0034 | 5.366 | 0.1409 | 0.0815 | 0.002 | 0.2244 |
| 997 | 9.91 | 9.93 | 3.1714 | 2.1961 | -0.0034 | 5.3642 | 0.1336 | 0.0828 | 0.005 | 0.2214 |
| 998 | 9.65 | 9.91 | 3.1711 | 2.1965 | -0.0031 | 5.3645 | 0.1559 | 0.0841 | 0.0058 | 0.2458 |
| 999 | 9.88 | 9.91 | 3.1737 | 2.1951 | -0.0028 | 5.366 | 0.1722 | 0.0903 | 0.0074 | 0.2699 |
| 1000 | 9.56 | 9.91 | 3.1745 | 2.1945 | -0.0026 | 5.3665 | 0.1815 | 0.0885 | 0.0084 | 0.2785 |
| 1001 | 9.49 | 9.9 | 3.1732 | 2.1952 | -0.0025 | 5.3659 | 0.1815 | 0.0941 | 0.0084 | 0.284 |
| 1002 | 10 | 9.9 | 3.173 | 2.1954 | -0.0025 | 5.3659 | 0.1794 | 0.1023 | 0.0081 | 0.2898 |
| 1003 | 10.3 | 9.88 | 3.1725 | 2.1943 | -0.0025 | 5.3644 | 0.1795 | 0.1129 | 0.0057 | 0.2981 |
| 1004 | 10.1 | 9.87 | 3.1707 | 2.1954 | -0.0024 | 5.3637 | 0.2002 | 0.1157 | 0.0042 | 0.3201 |
| 1005 | 9.84 | 9.9 | 3.1688 | 2.1968 | -0.0025 | 5.3631 | 0.201 | 0.1177 | 0.0041 | 0.3228 |
| 1006 | 10.2 | 9.9 | 3.1678 | 2.197 | -0.0028 | 5.362 | 0.1923 | 0.1236 | 0.005 | 0.321 |
| 1007 | 9.6 | 9.89 | 3.1661 | 2.1969 | -0.0031 | 5.3599 | 0.1592 | 0.1334 | 0.0069 | 0.2994 |
| 1008 | 9.76 | 9.9 | 3.1654 | 2.1966 | -0.0033 | 5.3587 | 0.1422 | 0.1342 | 0.0048 | 0.2812 |
| 1009 | 9.8 | 9.9 | 3.1654 | 2.1957 | -0.0036 | 5.3576 | 0.1156 | 0.1403 | 0.0033 | 0.2592 |
| 1010 | 9.74 | 9.9 | 3.1656 | 2.1952 | -0.0037 | 5.3571 | 0.0683 | 0.1523 | 0.0024 | 0.2229 |
| 1011 | 10.2 | 9.91 | 3.1643 | 2.1947 | -0.0037 | 5.3553 | 0.0036 | 0.1732 | -0.0011 | 0.1758 |
| 1012 | 9.96 | 9.89 | 3.1623 | 2.1945 | -0.0038 | 5.353 | -0.0085 | 0.1711 | -0.0011 | 0.1616 |
| 1013 | 10 | 9.85 | 3.161 | 2.195 | -0.0036 | 5.3524 | 0.0219 | 0.1617 | 0.0014 | 0.185 |
| 1014 | 10.2 | 9.84 | 3.1607 | 2.1955 | -0.0035 | 5.3527 | 0.0495 | 0.1573 | 0.0037 | 0.2105 |
| 1015 | 9.88 | 9.82 | 3.1628 | 2.1929 | -0.0037 | 5.352 | 0.0632 | 0.1586 | 0.0009 | 0.2227 |
| 1016 | 9.8 | 9.78 | 3.1629 | 2.1929 | -0.0035 | 5.3523 | 0.0267 | 0.1613 | -0.0041 | 0.1839 |
| 1017 | 9.86 | 9.76 | 3.1623 | 2.1933 | -0.0035 | 5.3521 | -0.0089 | 0.1639 | -0.0051 | 0.15 |
| 1018 | 9.87 | 9.73 | 3.1633 | 2.1936 | -0.0032 | 5.3537 | -0.0368 | 0.1894 | -0.007 | 0.1457 |
| 1019 | 9.59 | 9.75 | 3.1633 | 2.1936 | -0.0028 | 5.3541 | 0.0118 | 0.1677 | -0.0079 | 0.1717 |
| 1020 | 9.64 | 9.77 | 3.1637 | 2.194 | -0.0025 | 5.3552 | 0.0323 | 0.161 | -0.0067 | 0.1867 |
| 1021 | 9.58 | 9.79 | 3.1664 | 2.1927 | -0.0023 | 5.3568 | 0.0555 | 0.1594 | -0.0042 | 0.2107 |
| 1022 | 9.66 | 9.76 | 3.1704 | 2.1917 | -0.0024 | 5.3598 | 0.0653 | 0.1421 | -0.0015 | 0.2059 |
| 1023 | 9.79 | 9.73 | 3.1736 | 2.1908 | -0.0024 | 5.362 | 0.0748 | 0.1429 | -0.0027 | 0.2151 |
| 1024 | 9.52 | 9.69 | 3.1747 | 2.191 | -0.0025 | 5.3632 | 0.0865 | 0.1278 | -0.0047 | 0.2096 |
| 1025 | 9.41 | 9.67 | 3.1763 | 2.1917 | -0.0026 | 5.3654 | 0.0827 | 0.1215 | -0.0041 | 0.2002 |
| 1026 | 9.24 | 9.66 | 3.1775 | 2.1919 | -0.0026 | 5.3668 | 0.0763 | 0.1258 | -0.0046 | 0.1975 |
| 1027 | 9.21 | 9.67 | 3.1758 | 2.192 | -0.003 | 5.3649 | 0.0539 | 0.1246 | -0.0056 | 0.1729 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1028 | 10.1 | 9.65 | 3.1781 | 2.1915 | -0.0033 | 5.3663 | 0.0576 | 0.107 | -0.006 | 0.1586 |
| 1029 | 10.2 | 9.64 | 3.1788 | 2.191 | -0.0031 | 5.3667 | 0.0345 | 0.1252 | -0.005 | 0.1547 |
| 1030 | 10.5 | 9.65 | 3.1807 | 2.1896 | -0.003 | 5.3673 | 0.0091 | 0.129 | -0.0061 | 0.132 |
| 1031 | 9.47 | 9.65 | 3.18 | 2.1894 | -0.0029 | 5.3666 | 0.0048 | 0.1301 | -0.0078 | 0.127 |
| 1032 | 9.41 | 9.65 | 3.1802 | 2.1889 | -0.0026 | 5.3665 | 0.0445 | 0.1088 | -0.0057 | 0.1477 |
| 1033 | 9.38 | 9.67 | 3.1807 | 2.1897 | -0.0025 | 5.368 | 0.0514 | 0.1115 | -0.0037 | 0.1593 |
| 1034 | 9.46 | 9.7 | 3.1826 | 2.1902 | -0.0025 | 5.3703 | 0.0643 | 0.1212 | -0.0027 | 0.1828 |
| 1035 | 9.78 | 9.72 | 3.1825 | 2.1905 | -0.0024 | 5.3706 | 0.0676 | 0.1329 | -0.002 | 0.1985 |
| 1036 | 9.92 | 9.74 | 3.1812 | 2.1914 | -0.0025 | 5.3701 | 0.0596 | 0.135 | -0.0021 | 0.1926 |
| 1037 | 9.53 | 9.76 | 3.1782 | 2.1923 | -0.0026 | 5.3679 | 0.0488 | 0.1262 | -0.0031 | 0.1718 |
| 1038 | 9.32 | 9.73 | 3.1746 | 2.193 | -0.0028 | 5.3647 | 0.026 | 0.1301 | -0.0054 | 0.1507 |
| 1039 | 9.97 | 9.74 | 3.1724 | 2.1935 | -0.0029 | 5.363 | 0.0253 | 0.1248 | -0.0044 | 0.1457 |
| 1040 | 9.51 | 9.74 | 3.1719 | 2.1932 | -0.003 | 5.3621 | 0.0284 | 0.1128 | -0.0032 | 0.1381 |
| 1041 | 9.66 | 9.8 | 3.1738 | 2.1925 | -0.0028 | 5.3635 | 0.0197 | 0.11 | -0.003 | 0.1267 |
| 1042 | 10.2 | 9.88 | 3.1768 | 2.1919 | -0.0025 | 5.3662 | 0.0194 | 0.0893 | -0.0078 | 0.1009 |
| 1043 | 9.93 | 9.95 | 3.1794 | 2.1916 | -0.0022 | 5.3688 | 0.021 | 0.0862 | -0.0051 | 0.102 |
| 1044 | 9.81 | 10 | 3.1814 | 2.1911 | -0.0022 | 5.3704 | 0.0878 | 0.0405 | -0.0022 | 0.1261 |
| 1045 | 9.76 | 10.1 | 3.1821 | 2.1915 | -0.0024 | 5.3712 | 0.0918 | 0.0372 | -0.0018 | 0.1272 |
| 1046 | 9.45 | 10.1 | 3.1807 | 2.192 | -0.0027 | 5.37 | 0.0968 | 0.0447 | 0.0016 | 0.1431 |
| 1047 | 9.63 | 10.1 | 3.1768 | 2.1922 | -0.0028 | 5.3662 | 0.0978 | 0.0404 | 0.0067 | 0.1449 |
| 1048 | 10.3 | 10.2 | 3.1736 | 2.192 | -0.0029 | 5.3627 | 0.0869 | 0.0393 | 0.007 | 0.1332 |
| 1049 | 10.5 | 10.2 | 3.1712 | 2.1922 | -0.0029 | 5.3606 | 0.0745 | 0.0621 | 0.0093 | 0.1459 |
| 1050 | 10.6 | 10.3 | 3.1704 | 2.1919 | -0.0028 | 5.3594 | 0.0861 | 0.076 | 0.0149 | 0.1769 |
| 1051 | 11 | 10.3 | 3.171 | 2.1913 | -0.0029 | 5.3595 | 0.0734 | 0.0851 | 0.0169 | 0.1755 |
| 1052 | 10.7 | 10.3 | 3.1734 | 2.1904 | -0.0027 | 5.361 | 0.0449 | 0.0899 | 0.0191 | 0.1539 |
| 1053 | 11.2 | 10.3 | 3.1721 | 2.1903 | -0.0027 | 5.3597 | 0.0292 | 0.088 | 0.0194 | 0.1366 |
| 1054 | 10 | 10.3 | 3.1713 | 2.1903 | -0.0028 | 5.3588 | -0.0036 | 0.0981 | 0.0163 | 0.1107 |
| 1055 | 10.5 | 10.3 | 3.1702 | 2.1896 | -0.0029 | 5.357 | -0.035 | 0.1241 | 0.014 | 0.1031 |
| 1056 | 10.6 | 10.3 | 3.1733 | 2.1882 | -0.003 | 5.3585 | -0.066 | 0.1494 | 0.011 | 0.0944 |
| 1057 | 10.3 | 10.3 | 3.1746 | 2.1879 | -0.0029 | 5.3597 | -0.1087 | 0.1538 | 0.0057 | 0.0508 |
| 1058 | 10.6 | 10.3 | 3.1759 | 2.1879 | -0.0029 | 5.3609 | -0.1653 | 0.1647 | 0.0026 | 0.002 |
| 1059 | 9.92 | 10.2 | 3.1785 | 2.1869 | -0.0029 | 5.3625 | -0.1792 | 0.166 | -0.0017 | -0.0149 |
| 1060 | 10 | 10.1 | 3.1808 | 2.1854 | -0.0028 | 5.3634 | -0.1811 | 0.1508 | -0.0027 | -0.033 |
| 1061 | 10 | 10 | 3.1802 | 2.1852 | -0.0026 | 5.3628 | -0.1964 | 0.1437 | -0.0028 | -0.0555 |
| 1062 | 9.81 | 9.98 | 3.178 | 2.1856 | -0.0027 | 5.3608 | -0.2008 | 0.1365 | -0.0024 | -0.0668 |
| 1063 | 9.8 | 9.89 | 3.1769 | 2.1855 | -0.0029 | 5.3595 | -0.2263 | 0.136 | -0.0034 | -0.0936 |
| 1064 | 10.4 | 9.87 | 3.1756 | 2.1856 | -0.0027 | 5.3585 | -0.2238 | 0.1522 | -0.0001 | -0.0716 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1065 | 9.9 | 9.85 | 3.1751 | 2.1859 | -0.0023 | 5.3586 | -0.2083 | 0.1649 | 0.0014 | -0.0421 |
| 1066 | 9.52 | 9.8 | 3.1758 | 2.1857 | -0.0022 | 5.3593 | -0.1867 | 0.1482 | -0.0014 | -0.04 |
| 1067 | 9.37 | 9.77 | 3.1775 | 2.1847 | -0.002 | 5.3602 | -0.1828 | 0.1464 | 0.0007 | -0.0357 |
| 1068 | 9.46 | 9.72 | 3.1729 | 2.1864 | -0.0021 | 5.3572 | -0.1758 | 0.1462 | -0.0026 | -0.0321 |
| 1069 | 9.48 | 9.76 | 3.1712 | 2.1864 | -0.0022 | 5.3553 | -0.165 | 0.1535 | -0.003 | -0.0145 |
| 1070 | 9.28 | 9.78 | 3.1683 | 2.1869 | -0.0024 | 5.3529 | -0.2062 | 0.1612 | -0.0001 | -0.0451 |
| 1071 | 9.36 | 9.76 | 3.1671 | 2.1881 | -0.0026 | 5.3526 | -0.2403 | 0.1608 | 0.006 | -0.0735 |
| 1072 | 9.56 | 9.8 | 3.1658 | 2.1879 | -0.0026 | 5.3511 | -0.2244 | 0.1311 | 0.0098 | -0.0835 |
| 1073 | 9.67 | 9.84 | 3.1653 | 2.1886 | -0.0024 | 5.3515 | -0.187 | 0.1188 | 0.0043 | -0.0639 |
| 1074 | 10 | 9.83 | 3.1664 | 2.1887 | -0.0022 | 5.3529 | -0.1518 | 0.1046 | 0.001 | -0.0462 |
| 1075 | 9.65 | 9.85 | 3.1665 | 2.1885 | -0.0022 | 5.3528 | -0.1378 | 0.0987 | -0.0037 | -0.0428 |
| 1076 | 9.8 | 9.89 | 3.1664 | 2.1883 | -0.0023 | 5.3524 | -0.1089 | 0.0858 | -0.004 | -0.0271 |
| 1077 | 9.65 | 9.93 | 3.1644 | 2.19 | -0.0023 | 5.3521 | -0.0911 | 0.0868 | -0.0025 | -0.0067 |
| 1078 | 10.7 | 9.99 | 3.1652 | 2.1889 | -0.0025 | 5.3516 | -0.0908 | 0.0882 | -0.0068 | -0.0094 |
| 1079 | 10.3 | 10 | 3.1666 | 2.188 | -0.0024 | 5.3522 | -0.0242 | 0.0593 | -0.011 | 0.0241 |
| 1080 | 9.78 | 10 | 3.1666 | 2.1884 | -0.0022 | 5.3528 | 0.0067 | 0.0494 | -0.0091 | 0.047 |
| 1081 | 10.6 | 10.1 | 3.1651 | 2.1887 | -0.0023 | 5.3515 | 0.0264 | 0.0288 | -0.0064 | 0.0489 |
| 1082 | 10.5 | 10.2 | 3.1653 | 2.1879 | -0.0025 | 5.3507 | 0.0129 | 0.0235 | -0.0029 | 0.0335 |
| 1083 | 10.2 | 10.2 | 3.1657 | 2.1874 | -0.0026 | 5.3505 | 0.0128 | 0.0164 | 0.0002 | 0.0294 |
| 1084 | 10.3 | 10.3 | 3.166 | 2.1867 | -0.0025 | 5.3502 | 0.0154 | 0.0246 | 0.0001 | 0.0401 |
| 1085 | 10.2 | 10.3 | 3.1666 | 2.1863 | -0.0024 | 5.3505 | 0.0355 | 0.0343 | 0.0017 | 0.0715 |
| 1086 | 10.1 | 10.4 | 3.1671 | 2.1874 | -0.0024 | 5.3522 | 0.0324 | 0.0375 | 0.0028 | 0.0726 |
| 1087 | 10.5 | 10.4 | 3.1687 | 2.1873 | -0.0023 | 5.3537 | 0.0099 | 0.0472 | 0 | 0.0571 |
| 1088 | 10.3 | 10.4 | 3.169 | 2.1872 | -0.0025 | 5.3538 | -0.0218 | 0.0601 | -0.0008 | 0.0375 |
| 1089 | 9.63 | 10.4 | 3.1695 | 2.1874 | -0.0025 | 5.3544 | -0.0574 | 0.0683 | -0.0014 | 0.0095 |
| 1090 | 10.4 | 10.4 | 3.1706 | 2.1873 | -0.0025 | 5.3554 | -0.0817 | 0.0759 | -0.001 | -0.0068 |
| 1091 | 10.6 | 10.4 | 3.1702 | 2.1888 | -0.0023 | 5.3566 | -0.0849 | 0.0804 | -0.0032 | -0.0077 |
| 1092 | 10.3 | 10.4 | 3.17 | 2.1893 | -0.0025 | 5.3568 | -0.0622 | 0.0838 | -0.0029 | 0.0187 |
| 1093 | 11.2 | 10.4 | 3.1662 | 2.1918 | -0.0029 | 5.3551 | -0.037 | 0.0903 | -0.0007 | 0.0526 |
| 1094 | 10.6 | 10.3 | 3.1653 | 2.1917 | -0.0031 | 5.3538 | -0.0347 | 0.0947 | 0.0003 | 0.0603 |
| 1095 | 10.7 | 10.3 | 3.1646 | 2.1914 | -0.0035 | 5.3525 | -0.0351 | 0.0895 | -0.0031 | 0.0514 |
| 1096 | 10.1 | 10.3 | 3.1639 | 2.1916 | -0.004 | 5.3515 | -0.0262 | 0.0881 | -0.005 | 0.0569 |
| 1097 | 10.6 | 10.3 | 3.1628 | 2.1922 | -0.0041 | 5.3508 | -0.0181 | 0.0892 | -0.0068 | 0.0644 |
| 1098 | 10.4 | 10.3 | 3.1637 | 2.1903 | -0.0041 | 5.3499 | -0.0591 | 0.0896 | -0.0058 | 0.0247 |
| 1099 | 10.2 | 10.3 | 3.1651 | 2.1875 | -0.0043 | 5.3483 | -0.0931 | 0.0914 | -0.0061 | -0.0078 |
| 1100 | 10.4 | 10.3 | 3.1672 | 2.186 | -0.0042 | 5.3489 | -0.1144 | 0.1035 | -0.0048 | -0.0156 |
| 1101 | 10.3 | 10.3 | 3.1687 | 2.1863 | -0.0044 | 5.3505 | -0.1043 | 0.0939 | -0.004 | -0.0144 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1102 | 10 | 10.3 | 3.1701 | 2.1866 | -0.0044 | 5.3522 | -0.1008 | 0.0911 | -0.0022 | -0.0119 |
| 1103 | 9.93 | 10.2 | 3.1729 | 2.1845 | -0.0041 | 5.3533 | -0.089 | 0.0943 | -0.0016 | 0.0037 |
| 1104 | 10.2 | 10.1 | 3.1742 | 2.1829 | -0.0038 | 5.3534 | -0.0844 | 0.0795 | -0.0013 | -0.0062 |
| 1105 | 9.86 | 10 | 3.1754 | 2.1819 | -0.0036 | 5.3537 | -0.0728 | 0.0689 | 0.0019 | -0.0019 |
| 1106 | 9.71 | 9.95 | 3.1787 | 2.1816 | -0.0034 | 5.3569 | -0.0859 | 0.064 | 0.0045 | -0.0175 |
| 1107 | 10.2 | 9.85 | 3.1826 | 2.1804 | -0.0034 | 5.3597 | -0.0693 | 0.0552 | 0.0041 | -0.0099 |
| 1108 | 10.2 | 9.78 | 3.1833 | 2.18 | -0.0031 | 5.3602 | -0.0776 | 0.0715 | 0.007 | 0.0009 |
| 1109 | 10.3 | 9.71 | 3.1836 | 2.1806 | -0.0033 | 5.3609 | -0.0683 | 0.0811 | 0.0058 | 0.0186 |
| 1110 | 9.9 | 9.63 | 3.1852 | 2.1808 | -0.0034 | 5.3626 | -0.0483 | 0.0773 | 0.0073 | 0.0363 |
| 1111 | 10.5 | 9.57 | 3.1844 | 2.1811 | -0.0035 | 5.362 | -0.0338 | 0.0713 | 0.0122 | 0.0497 |
| 1112 | 9.79 | 9.54 | 3.1849 | 2.1809 | -0.0035 | 5.3623 | -0.0318 | 0.0725 | 0.0162 | 0.0569 |
| 1113 | 9 | 9.53 | 3.1834 | 2.1798 | -0.0036 | 5.3596 | -0.0116 | 0.0663 | 0.0163 | 0.071 |
| 1114 | 8.7 | 9.48 | 3.1815 | 2.179 | -0.0037 | 5.3569 | -0.0096 | 0.0617 | 0.0129 | 0.065 |
| 1115 | 8.73 | 9.47 | 3.1815 | 2.1781 | -0.0035 | 5.356 | -0.0308 | 0.0737 | 0.0133 | 0.0562 |
| 1116 | 8.79 | 9.5 | 3.1812 | 2.1783 | -0.0036 | 5.3559 | -0.0526 | 0.0934 | 0.0166 | 0.0574 |
| 1117 | 9.07 | 9.5 | 3.1799 | 2.1786 | -0.0032 | 5.3553 | -0.0611 | 0.104 | 0.0179 | 0.0608 |
| 1118 | 8.84 | 9.48 | 3.1798 | 2.1783 | -0.0029 | 5.3551 | -0.0426 | 0.0947 | 0.0192 | 0.0712 |
| 1119 | 8.93 | 9.47 | 3.184 | 2.1775 | -0.0028 | 5.3586 | -0.0979 | 0.1179 | 0.0145 | 0.0345 |
| 1120 | 9.04 | 9.45 | 3.1877 | 2.1779 | -0.0031 | 5.3625 | -0.1199 | 0.1336 | 0.0063 | 0.02 |
| 1121 | 9.47 | 9.36 | 3.1888 | 2.1796 | -0.0033 | 5.3651 | -0.1407 | 0.1281 | 0.0054 | -0.0071 |
| 1122 | 9.69 | 9.37 | 3.1891 | 2.1799 | -0.0028 | 5.3661 | -0.147 | 0.1255 | 0.0065 | -0.015 |
| 1123 | 9.38 | 9.39 | 3.1888 | 2.1803 | -0.0025 | 5.3666 | -0.1695 | 0.1225 | 0.0082 | -0.0389 |
| 1124 | 9.64 | 9.43 | 3.1885 | 2.1811 | -0.0021 | 5.3675 | -0.1851 | 0.1304 | 0.0082 | -0.0466 |
| 1125 | 10.4 | 9.46 | 3.1872 | 2.1831 | -0.0022 | 5.3681 | -0.1815 | 0.1262 | 0.0116 | -0.0438 |
| 1126 | 10.2 | 9.48 | 3.1866 | 2.1832 | -0.0023 | 5.3674 | -0.1759 | 0.1048 | 0.0096 | -0.0615 |
| 1127 | 9.88 | 9.49 | 3.1849 | 2.1832 | -0.0023 | 5.3658 | -0.1859 | 0.1031 | 0.0092 | -0.0735 |
| 1128 | 9.99 | 9.53 | 3.1805 | 2.1856 | -0.0022 | 5.3639 | -0.2199 | 0.1325 | 0.0106 | -0.0768 |
| 1129 | 9.49 | 9.58 | 3.1781 | 2.1861 | -0.0022 | 5.362 | -0.199 | 0.1223 | 0.0111 | -0.0657 |
| 1130 | 8.93 | 9.64 | 3.178 | 2.1867 | -0.0024 | 5.3624 | -0.1538 | 0.1082 | 0.0123 | -0.0333 |
| 1131 | 9.96 | 9.65 | 3.1787 | 2.1871 | -0.0026 | 5.3632 | -0.1428 | 0.1188 | 0.0139 | -0.0101 |
| 1132 | 9.31 | 9.66 | 3.1789 | 2.1873 | -0.0026 | 5.3636 | -0.1444 | 0.1251 | 0.0128 | -0.0065 |
| 1133 | 9.43 | 9.68 | 3.1792 | 2.1873 | -0.0025 | 5.3639 | -0.1354 | 0.1076 | 0.0095 | -0.0183 |
| 1134 | 9.43 | 9.7 | 3.179 | 2.1868 | -0.0026 | 5.3632 | -0.1322 | 0.1081 | 0.0094 | -0.0147 |
| 1135 | 9 | 9.67 | 3.1793 | 2.1868 | -0.0027 | 5.3633 | -0.1312 | 0.1045 | 0.0106 | -0.0162 |
| 1136 | 9.28 | 9.63 | 3.1802 | 2.1867 | -0.0025 | 5.3644 | -0.1237 | 0.1004 | 0.0081 | -0.0152 |
| 1137 | 9.65 | 9.65 | 3.1804 | 2.1863 | -0.0025 | 5.3641 | -0.1166 | 0.1102 | 0.0094 | 0.003 |
| 1138 | 9.99 | 9.66 | 3.1804 | 2.1861 | -0.0027 | 5.3638 | -0.0926 | 0.0976 | 0.0127 | 0.0177 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1139 | 10.1 | 9.7 | 3.1805 | 2.1859 | -0.0028 | 5.3636 | -0.0893 | 0.0999 | 0.0105 | 0.0212 |
| 1140 | 9.59 | 9.78 | 3.1804 | 2.1851 | -0.0027 | 5.3629 | -0.0723 | 0.0969 | 0.0095 | 0.0341 |
| 1141 | 9.85 | 9.8 | 3.18 | 2.1842 | -0.0025 | 5.3616 | -0.0572 | 0.1029 | 0.0106 | 0.0563 |
| 1142 | 9.86 | 9.85 | 3.1805 | 2.1829 | -0.0024 | 5.361 | -0.0297 | 0.1068 | 0.0154 | 0.0925 |
| 1143 | 9.96 | 9.91 | 3.1829 | 2.1821 | -0.0022 | 5.3627 | -0.0157 | 0.1108 | 0.0179 | 0.113 |
| 1144 | 9.74 | 9.94 | 3.1849 | 2.1822 | -0.0019 | 5.3652 | -0.0699 | 0.1624 | 0.0172 | 0.1097 |
| 1145 | 9.47 | 9.97 | 3.1847 | 2.1827 | -0.0019 | 5.3655 | -0.0858 | 0.1658 | 0.0121 | 0.0922 |
| 1146 | 10.2 | 10 | 3.1825 | 2.1831 | -0.002 | 5.3636 | -0.0929 | 0.148 | 0.0086 | 0.0637 |
| 1147 | 10.3 | 10.1 | 3.1827 | 2.1832 | -0.0022 | 5.3637 | -0.1592 | 0.1893 | -0.0005 | 0.0296 |
| 1148 | 10.2 | 10.1 | 3.1829 | 2.1829 | -0.0023 | 5.3635 | -0.1711 | 0.1782 | -0.0019 | 0.0052 |
| 1149 | 10.4 | 10.1 | 3.1827 | 2.1819 | -0.0024 | 5.3621 | -0.1711 | 0.1496 | -0.0004 | -0.0219 |
| 1150 | 10.4 | 10.1 | 3.1808 | 2.1825 | -0.0024 | 5.3609 | -0.1691 | 0.1017 | -0.0018 | -0.0692 |
| 1151 | 10.3 | 10.1 | 3.1811 | 2.1822 | -0.0027 | 5.3606 | -0.1679 | 0.0913 | 0.0001 | -0.0764 |
| 1152 | 10.5 | 10.1 | 3.1823 | 2.181 | -0.0026 | 5.3607 | -0.1497 | 0.0898 | 0.0003 | -0.0597 |
| 1153 | 9.98 | 10.1 | 3.1805 | 2.1823 | -0.0026 | 5.3603 | -0.1312 | 0.0947 | 0.0002 | -0.0363 |
| 1154 | 9.65 | 10.1 | 3.1786 | 2.1834 | -0.003 | 5.359 | -0.1153 | 0.085 | 0.0022 | -0.0281 |
| 1155 | 10.1 | 10.2 | 3.1788 | 2.1832 | -0.0034 | 5.3587 | -0.1235 | 0.0803 | 0.0044 | -0.0387 |
| 1156 | 10.5 | 10.1 | 3.1802 | 2.1826 | -0.0034 | 5.3594 | -0.1165 | 0.0672 | 0.0051 | -0.0442 |
| 1157 | 9.98 | 10.1 | 3.1824 | 2.1808 | -0.0036 | 5.3596 | -0.0806 | 0.0574 | 0.0067 | -0.0165 |
| 1158 | 10.4 | 10.1 | 3.1828 | 2.1798 | -0.0035 | 5.359 | -0.0518 | 0.0459 | 0.0069 | 0.001 |
| 1159 | 10.4 | 10 | 3.1833 | 2.1792 | -0.0037 | 5.3589 | -0.0411 | 0.036 | 0.0108 | 0.0057 |
| 1160 | 9.82 | 9.95 | 3.1841 | 2.1783 | -0.004 | 5.3584 | -0.0167 | 0.0233 | 0.0089 | 0.0155 |
| 1161 | 10.1 | 9.89 | 3.1834 | 2.178 | -0.0043 | 5.3571 | 0.0106 | 0.0328 | 0.0089 | 0.0523 |
| 1162 | 9.85 | 9.84 | 3.1791 | 2.1789 | -0.0044 | 5.3537 | -0.0178 | 0.0548 | 0.0095 | 0.0465 |
| 1163 | 10.1 | 9.79 | 3.1778 | 2.1793 | -0.0042 | 5.353 | -0.0104 | 0.0559 | 0.0118 | 0.0573 |
| 1164 | 10.1 | 9.78 | 3.1787 | 2.1782 | -0.004 | 5.3529 | -0.0339 | 0.0547 | 0.0078 | 0.0286 |
| 1165 | 9.67 | 9.71 | 3.1804 | 2.1765 | -0.004 | 5.3529 | -0.0578 | 0.0453 | 0.0091 | -0.0033 |
| 1166 | 9.92 | 9.64 | 3.1819 | 2.1753 | -0.004 | 5.3532 | -0.0755 | 0.0405 | 0.0112 | -0.0238 |
| 1167 | 9.03 | 9.61 | 3.1818 | 2.1752 | -0.0039 | 5.3531 | -0.0911 | 0.0502 | 0.0099 | -0.0309 |
| 1168 | 9.45 | 9.56 | 3.1827 | 2.1746 | -0.0036 | 5.3538 | -0.1177 | 0.0695 | 0.0114 | -0.0367 |
| 1169 | 9.22 | 9.49 | 3.1832 | 2.173 | -0.0029 | 5.3533 | -0.1156 | 0.0734 | 0.0121 | -0.03 |
| 1170 | 9.2 | 9.47 | 3.1824 | 2.1741 | -0.0029 | 5.3536 | -0.0719 | 0.0674 | 0.0129 | 0.0084 |
| 1171 | 9.45 | 9.45 | 3.1818 | 2.1755 | -0.0032 | 5.3541 | -0.0354 | 0.0784 | 0.0094 | 0.0524 |
| 1172 | 9.18 | 9.41 | 3.1827 | 2.1756 | -0.0034 | 5.3549 | -0.0278 | 0.095 | 0.0086 | 0.0758 |
| 1173 | 9.38 | 9.36 | 3.1838 | 2.1756 | -0.0032 | 5.3562 | -0.0502 | 0.1072 | 0.0135 | 0.0705 |
| 1174 | 8.85 | 9.38 | 3.1846 | 2.1761 | -0.0034 | 5.3573 | -0.0777 | 0.1196 | 0.0143 | 0.0563 |
| 1175 | 9.16 | 9.41 | 3.1841 | 2.178 | -0.0032 | 5.3589 | -0.0859 | 0.1297 | 0.0161 | 0.0599 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1176 | 9.41 | 9.42 | 3.185 | 2.178 | -0.0032 | 5.3598 | -0.0992 | 0.1588 | 0.0143 | 0.0739 |
| 1177 | 9.34 | 9.45 | 3.1864 | 2.1768 | -0.0034 | 5.3598 | -0.1064 | 0.1557 | 0.0107 | 0.06 |
| 1178 | 9.14 | 9.45 | 3.1851 | 2.1767 | -0.0036 | 5.3582 | -0.1394 | 0.1531 | 0.0138 | 0.0275 |
| 1179 | 9.36 | 9.48 | 3.182 | 2.1772 | -0.0036 | 5.3556 | -0.1893 | 0.1814 | 0.0172 | 0.0094 |
| 1180 | 9.66 | 9.51 | 3.1809 | 2.1765 | -0.0036 | 5.3538 | -0.2087 | 0.1819 | 0.0147 | -0.0122 |
| 1181 | 9.18 | 9.51 | 3.1796 | 2.1762 | -0.0036 | 5.3522 | -0.2031 | 0.1905 | 0.012 | -0.0007 |
| 1182 | 9.26 | 9.55 | 3.1788 | 2.1772 | -0.0034 | 5.3526 | -0.1912 | 0.1948 | 0.0097 | 0.0133 |
| 1183 | 10.3 | 9.56 | 3.1789 | 2.1766 | -0.0035 | 5.352 | -0.1845 | 0.1994 | 0.0094 | 0.0243 |
| 1184 | 10.2 | 9.6 | 3.1792 | 2.1762 | -0.0036 | 5.3518 | -0.1814 | 0.2132 | 0.0099 | 0.0417 |
| 1185 | 10.2 | 9.63 | 3.179 | 2.1763 | -0.0032 | 5.3521 | -0.1699 | 0.2021 | 0.0124 | 0.0446 |
| 1186 | 9.58 | 9.63 | 3.1788 | 2.1764 | -0.0033 | 5.3519 | -0.1678 | 0.2068 | 0.0095 | 0.0485 |
| 1187 | 9.4 | 9.62 | 3.178 | 2.1775 | -0.0036 | 5.3519 | -0.1504 | 0.208 | 0.0092 | 0.0668 |
| 1188 | 9.85 | 9.62 | 3.1779 | 2.1772 | -0.0035 | 5.3516 | -0.1491 | 0.2019 | 0.0066 | 0.0594 |
| 1189 | 9.78 | 9.64 | 3.1767 | 2.1777 | -0.0034 | 5.351 | -0.1607 | 0.1982 | 0.006 | 0.0435 |
| 1190 | 9.42 | 9.7 | 3.1763 | 2.177 | -0.0036 | 5.3498 | -0.1593 | 0.1896 | 0.0051 | 0.0355 |
| 1191 | 9.88 | 9.79 | 3.1731 | 2.1781 | -0.0039 | 5.3474 | -0.1455 | 0.1726 | 0.0067 | 0.0338 |
| 1192 | 9.59 | 9.81 | 3.1716 | 2.1782 | -0.0043 | 5.3455 | -0.1477 | 0.1561 | 0.006 | 0.0144 |
| 1193 | 9.57 | 9.79 | 3.1732 | 2.1756 | -0.0046 | 5.3442 | -0.1438 | 0.135 | 0.0078 | -0.001 |
| 1194 | 9.79 | 9.79 | 3.1739 | 2.1751 | -0.0044 | 5.3446 | -0.1232 | 0.1267 | 0.0093 | 0.0127 |
| 1195 | 9.33 | 9.77 | 3.1739 | 2.1766 | -0.0044 | 5.3461 | -0.0895 | 0.1199 | 0.0114 | 0.0418 |
| 1196 | 9.24 | 9.78 | 3.1798 | 2.1727 | -0.004 | 5.3485 | -0.0731 | 0.1126 | 0.011 | 0.0505 |
| 1197 | 9.2 | 9.81 | 3.1799 | 2.1744 | -0.0039 | 5.3503 | -0.0884 | 0.1101 | 0.0085 | 0.0302 |
| 1198 | 9.72 | 9.79 | 3.1808 | 2.1753 | -0.004 | 5.3521 | -0.0818 | 0.1053 | 0.0067 | 0.0302 |
| 1199 | 10.8 | 9.84 | 3.182 | 2.1773 | -0.0041 | 5.3552 | -0.0719 | 0.0939 | 0.0061 | 0.0281 |
| 1200 | 10.8 | 9.83 | 3.184 | 2.1769 | -0.0043 | 5.3566 | -0.0733 | 0.0863 | 0.0083 | 0.0214 |
| 1201 | 9.67 | 9.79 | 3.1837 | 2.1773 | -0.0044 | 5.3565 | -0.0949 | 0.0949 | 0.0096 | 0.0096 |
| 1202 | 9.97 | 9.77 | 3.1832 | 2.1771 | -0.0045 | 5.3559 | -0.0827 | 0.0852 | 0.0053 | 0.0077 |
| 1203 | 10.3 | 9.78 | 3.1844 | 2.176 | -0.0043 | 5.3561 | -0.0602 | 0.0744 | 0.0013 | 0.0156 |
| 1204 | 9.75 | 9.76 | 3.1866 | 2.1749 | -0.0042 | 5.3572 | -0.0612 | 0.0786 | 0.0019 | 0.0193 |
| 1205 | 9.75 | 9.76 | 3.1871 | 2.1752 | -0.0041 | 5.3581 | -0.0724 | 0.0895 | -0.0039 | 0.0133 |
| 1206 | 9.98 | 9.75 | 3.1867 | 2.1759 | -0.004 | 5.3586 | -0.0426 | 0.0851 | -0.0072 | 0.0353 |
| 1207 | 9.6 | 9.73 | 3.1878 | 2.1758 | -0.0041 | 5.3596 | 0.0073 | 0.0772 | -0.007 | 0.0776 |
| 1208 | 10.6 | 9.7 | 3.1874 | 2.1764 | -0.0042 | 5.3596 | 0.05 | 0.0629 | -0.0095 | 0.1034 |
| 1209 | 9.25 | 9.62 | 3.1852 | 2.1783 | -0.0042 | 5.3593 | 0.0641 | 0.059 | -0.008 | 0.1151 |
| 1210 | 9.12 | 9.53 | 3.1842 | 2.1775 | -0.0043 | 5.3574 | 0.0776 | 0.0617 | -0.0054 | 0.1339 |
| 1211 | 9.15 | 9.51 | 3.1862 | 2.1756 | -0.0044 | 5.3573 | 0.1014 | 0.0522 | -0.0068 | 0.1469 |
| 1212 | 9.92 | 9.5 | 3.186 | 2.1753 | -0.0046 | 5.3566 | 0.1044 | 0.0508 | -0.012 | 0.1431 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1213 | 9.35 | 9.49 | 3.1868 | 2.1744 | -0.0044 | 5.3567 | 0.0719 | 0.0587 | -0.0145 | 0.1162 |
| 1214 | 9.3 | 9.5 | 3.1873 | 2.1744 | -0.0046 | 5.3572 | 0.0676 | 0.0597 | -0.0117 | 0.1156 |
| 1215 | 8.96 | 9.5 | 3.1891 | 2.174 | -0.0047 | 5.3584 | 0.0915 | 0.0344 | -0.007 | 0.1189 |
| 1216 | 8.93 | 9.47 | 3.1903 | 2.1732 | -0.0046 | 5.359 | 0.0931 | 0.0242 | -0.0047 | 0.1126 |
| 1217 | 9.13 | 9.44 | 3.1917 | 2.1717 | -0.0044 | 5.359 | 0.0881 | 0.0133 | -0.0017 | 0.0998 |
| 1218 | 9.24 | 9.38 | 3.1913 | 2.1709 | -0.0041 | 5.3581 | 0.074 | 0.0158 | 0.001 | 0.0908 |
| 1219 | 9.07 | 9.4 | 3.1911 | 2.1707 | -0.0041 | 5.3578 | 0.05 | 0.0242 | 0.0064 | 0.0806 |
| 1220 | 9.37 | 9.41 | 3.1913 | 2.1701 | -0.004 | 5.3573 | 0.0204 | 0.0212 | 0.0147 | 0.0563 |
| 1221 | 9.63 | 9.42 | 3.1916 | 2.1701 | -0.0041 | 5.3576 | 0.0181 | 0.0356 | 0.0111 | 0.0648 |
| 1222 | 10.1 | 9.37 | 3.1941 | 2.1691 | -0.0041 | 5.3591 | 0.0259 | 0.0582 | 0.0052 | 0.0892 |
| 1223 | 9.96 | 9.37 | 3.1966 | 2.1684 | -0.0039 | 5.361 | 0.0355 | 0.068 | 0.0021 | 0.1057 |
| 1224 | 9.9 | 9.35 | 3.1971 | 2.1681 | -0.0037 | 5.3615 | 0.0421 | 0.0723 | 0.0032 | 0.1176 |
| 1225 | 9.35 | 9.37 | 3.1971 | 2.1672 | -0.0036 | 5.3607 | 0.0448 | 0.0851 | -0.0012 | 0.1287 |
| 1226 | 8.98 | 9.38 | 3.1972 | 2.1676 | -0.0034 | 5.3614 | 0.0372 | 0.1166 | -0.0021 | 0.1517 |
| 1227 | 9.52 | 9.38 | 3.1989 | 2.1679 | -0.0037 | 5.363 | 0.0422 | 0.1145 | -0.0085 | 0.1483 |
| 1228 | 9.64 | 9.34 | 3.1994 | 2.1674 | -0.0039 | 5.363 | 0.0247 | 0.1114 | -0.0076 | 0.1285 |
| 1229 | 9.39 | 9.32 | 3.199 | 2.1679 | -0.0037 | 5.3632 | -0.0115 | 0.1133 | -0.008 | 0.0939 |
| 1230 | 9.34 | 9.31 | 3.1984 | 2.1677 | -0.0036 | 5.3625 | -0.0614 | 0.1135 | -0.0091 | 0.0429 |
| 1231 | 8.89 | 9.27 | 3.1979 | 2.1676 | -0.0036 | 5.3619 | -0.084 | 0.1019 | -0.0074 | 0.0105 |
| 1232 | 9.42 | 9.19 | 3.1973 | 2.1674 | -0.0035 | 5.3612 | -0.0984 | 0.0924 | -0.005 | -0.011 |
| 1233 | 8.84 | 9.1 | 3.1973 | 2.1659 | -0.0035 | 5.3598 | -0.0863 | 0.0932 | -0.0038 | 0.0031 |
| 1234 | 9.34 | 9.02 | 3.196 | 2.1666 | -0.0039 | 5.3587 | -0.0759 | 0.0891 | -0.006 | 0.0072 |
| 1235 | 9.14 | 8.99 | 3.1961 | 2.1661 | -0.0037 | 5.3585 | -0.0593 | 0.0872 | -0.0081 | 0.0198 |
| 1236 | 9.09 | 8.98 | 3.1952 | 2.1659 | -0.0034 | 5.3577 | -0.0664 | 0.0944 | -0.006 | 0.022 |
| 1237 | 8.53 | 8.93 | 3.1953 | 2.1661 | -0.0032 | 5.3582 | -0.0922 | 0.1029 | -0.0077 | 0.0031 |
| 1238 | 8.76 | 8.89 | 3.1964 | 2.1663 | -0.0033 | 5.3595 | -0.1098 | 0.1139 | -0.0132 | -0.009 |
| 1239 | 9.1 | 8.87 | 3.1965 | 2.1669 | -0.0033 | 5.3601 | -0.0959 | 0.0876 | -0.0147 | -0.0231 |
| 1240 | 8.88 | 8.85 | 3.195 | 2.1679 | -0.0033 | 5.3595 | -0.0871 | 0.0799 | -0.0171 | -0.0242 |
| 1241 | 8.47 | 8.91 | 3.1947 | 2.1686 | -0.0031 | 5.3602 | -0.0668 | 0.0571 | -0.0195 | -0.0292 |
| 1242 | 8.35 | 8.94 | 3.1949 | 2.1694 | -0.0032 | 5.3611 | -0.0895 | 0.0608 | -0.0176 | -0.0463 |
| 1243 | 8.4 | 8.97 | 3.1952 | 2.1694 | -0.0032 | 5.3614 | -0.0977 | 0.054 | -0.022 | -0.0656 |
| 1244 | 8.78 | 8.97 | 3.1939 | 2.1702 | -0.003 | 5.361 | -0.1136 | 0.0352 | -0.0265 | -0.1049 |
| 1245 | 8.69 | 8.98 | 3.192 | 2.1715 | -0.003 | 5.3605 | -0.0985 | 0.0225 | -0.0243 | -0.1003 |
| 1246 | 8.72 | 9.01 | 3.1914 | 2.1721 | -0.0029 | 5.3606 | -0.0778 | 0.0301 | -0.0242 | -0.0719 |
| 1247 | 8.89 | 9.07 | 3.1909 | 2.1727 | -0.0029 | 5.3607 | 0.0052 | -0.0188 | -0.0213 | -0.0349 |
| 1248 | 8.88 | 9.14 | 3.1901 | 2.1735 | -0.0029 | 5.3607 | 0.0188 | -0.0064 | -0.0218 | -0.0095 |
| 1249 | 8.95 | 9.2 | 3.19 | 2.1732 | -0.0033 | 5.36 | 0.0423 | -0.0078 | -0.0246 | 0.0099 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1250 | 10.1 | 9.3 | 3.1903 | 2.173 | -0.0034 | 5.3599 | 0.0578 | 0.0081 | -0.0272 | 0.0387 |
| 1251 | 10 | 9.43 | 3.1894 | 2.1737 | -0.0032 | 5.3599 | 0.0677 | 0.0083 | -0.0296 | 0.0463 |
| 1252 | 9.4 | 9.54 | 3.1883 | 2.1735 | -0.0027 | 5.3591 | 0.0598 | 0.0152 | -0.0314 | 0.0437 |
| 1253 | 9.22 | 9.62 | 3.1866 | 2.1745 | -0.0028 | 5.3584 | 0.0533 | 0.0108 | -0.0322 | 0.0319 |
| 1254 | 9.4 | 9.72 | 3.1858 | 2.1745 | -0.0026 | 5.3577 | 0.0677 | -0.0051 | -0.0301 | 0.0324 |
| 1255 | 9.73 | 9.84 | 3.1831 | 2.1747 | -0.0026 | 5.3552 | 0.0908 | -0.0125 | -0.0269 | 0.0514 |
| 1256 | 9.66 | 9.97 | 3.1795 | 2.1749 | -0.0027 | 5.3517 | 0.0973 | -0.0049 | -0.0245 | 0.0678 |
| 1257 | 9.97 | 10 | 3.1774 | 2.1745 | -0.0027 | 5.3493 | 0.1063 | 0.0007 | -0.0214 | 0.0855 |
| 1258 | 10.4 | 10.1 | 3.1763 | 2.1739 | -0.0027 | 5.3475 | 0.1378 | -0.0025 | -0.0218 | 0.1135 |
| 1259 | 10.8 | 10.2 | 3.1756 | 2.173 | -0.0031 | 5.3455 | 0.1384 | 0.0101 | -0.0228 | 0.1257 |
| 1260 | 10.8 | 10.1 | 3.174 | 2.1731 | -0.0033 | 5.3437 | 0.1224 | 0.0292 | -0.022 | 0.1296 |
| 1261 | 10.5 | 10.1 | 3.1729 | 2.1729 | -0.0031 | 5.3428 | 0.1192 | 0.0239 | -0.0233 | 0.1199 |
| 1262 | 9.92 | 10.2 | 3.1719 | 2.1731 | -0.0029 | 5.3421 | 0.1428 | 0.0068 | -0.025 | 0.1246 |
| 1263 | 10.6 | 10.2 | 3.1711 | 2.1734 | -0.003 | 5.3414 | 0.142 | 0.0069 | -0.0268 | 0.1221 |
| 1264 | 11 | 10.2 | 3.1695 | 2.1748 | -0.0033 | 5.341 | 0.1503 | -0.0032 | -0.0248 | 0.1223 |
| 1265 | 11.1 | 10.2 | 3.1711 | 2.1741 | -0.0035 | 5.3416 | 0.1603 | -0.002 | -0.0251 | 0.1332 |
| 1266 | 10.4 | 10.3 | 3.1731 | 2.174 | -0.0038 | 5.3432 | 0.1776 | -0.0033 | -0.025 | 0.1493 |
| 1267 | 10.1 | 10.2 | 3.1744 | 2.1736 | -0.004 | 5.344 | 0.1748 | -0.0041 | -0.0229 | 0.1478 |
| 1268 | 10.1 | 10.2 | 3.1777 | 2.1722 | -0.0042 | 5.3457 | 0.183 | -0.0185 | -0.0191 | 0.1454 |
| 1269 | 9.7 | 10.2 | 3.1811 | 2.1709 | -0.0043 | 5.3477 | 0.19 | -0.0175 | -0.0156 | 0.1569 |
| 1270 | 9.89 | 10.1 | 3.1806 | 2.1706 | -0.004 | 5.3471 | 0.2167 | -0.0185 | -0.0123 | 0.1859 |
| 1271 | 10.1 | 9.98 | 3.1792 | 2.1697 | -0.0037 | 5.3451 | 0.2293 | -0.0196 | -0.0113 | 0.1984 |
| 1272 | 9.9 | 9.92 | 3.1792 | 2.1688 | -0.0036 | 5.3444 | 0.2356 | -0.0003 | -0.0124 | 0.2229 |
| 1273 | 9.79 | 9.84 | 3.1796 | 2.1684 | -0.0035 | 5.3444 | 0.2722 | -0.0004 | -0.0107 | 0.2611 |
| 1274 | 9.88 | 9.69 | 3.1801 | 2.1676 | -0.0033 | 5.3444 | 0.2882 | -0.007 | -0.0051 | 0.2761 |
| 1275 | 9.92 | 9.55 | 3.1804 | 2.1663 | -0.0029 | 5.3437 | 0.272 | -0.0123 | -0.0019 | 0.2579 |
| 1276 | 9.45 | 9.46 | 3.1808 | 2.1666 | -0.0024 | 5.345 | 0.2578 | -0.0189 | 0.0004 | 0.2393 |
| 1277 | 10 | 9.39 | 3.184 | 2.1656 | -0.0026 | 5.347 | 0.2582 | -0.0114 | 0.0033 | 0.2501 |
| 1278 | 9.82 | 9.32 | 3.1863 | 2.1653 | -0.0028 | 5.3488 | 0.2877 | -0.0079 | 0.0018 | 0.2816 |
| 1279 | 9.07 | 9.28 | 3.1881 | 2.1658 | -0.0027 | 5.3513 | 0.3013 | -0.0127 | 0.0003 | 0.2889 |
| 1280 | 8.86 | 9.23 | 3.1893 | 2.1663 | -0.0029 | 5.3527 | 0.2944 | -0.0034 | 0.0033 | 0.2943 |
| 1281 | 8.79 | 9.16 | 3.1894 | 2.167 | -0.0031 | 5.3533 | 0.2985 | -0.0048 | 0.0037 | 0.2974 |
| 1282 | 9.01 | 9.09 | 3.1875 | 2.1678 | -0.003 | 5.3523 | 0.2779 | 0.0062 | 0.001 | 0.2852 |
| 1283 | 8.11 | 9.09 | 3.1865 | 2.1677 | -0.0029 | 5.3513 | 0.264 | 0.0066 | -0.0012 | 0.2694 |
| 1284 | 8.45 | 9.09 | 3.1851 | 2.1675 | -0.0028 | 5.3499 | 0.269 | -0.0085 | -0.0029 | 0.2576 |
| 1285 | 8.74 | 9.09 | 3.1856 | 2.1669 | -0.0026 | 5.3499 | 0.2476 | -0.002 | -0.0057 | 0.2399 |
| 1286 | 8.81 | 9.1 | 3.188 | 2.1661 | -0.0025 | 5.3516 | 0.235 | -0.003 | -0.0047 | 0.2273 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1287 | 8.69 | 9.07 | 3.189 | 2.1661 | -0.0023 | 5.3528 | 0.2307 | -0.0072 | -0.0019 | 0.2217 |
| 1288 | 8.88 | 9.07 | 3.1875 | 2.1685 | -0.002 | 5.354 | 0.2285 | -0.0068 | 0.0025 | 0.2242 |
| 1289 | 9.1 | 9.1 | 3.1855 | 2.1697 | -0.0017 | 5.3534 | 0.2386 | -0.0014 | 0.003 | 0.2402 |
| 1290 | 8.64 | 9.15 | 3.183 | 2.1713 | -0.0016 | 5.3527 | 0.2495 | 0.0179 | 0.0029 | 0.2702 |
| 1291 | 8.67 | 9.21 | 3.1821 | 2.172 | -0.0021 | 5.352 | 0.2363 | 0.0322 | 0.0012 | 0.2696 |
| 1292 | 9.75 | 9.28 | 3.1813 | 2.1728 | -0.0021 | 5.3521 | 0.2315 | 0.0399 | 0.0006 | 0.272 |
| 1293 | 9.9 | 9.39 | 3.1846 | 2.172 | -0.002 | 5.3547 | 0.2275 | 0.0408 | -0.0016 | 0.2666 |
| 1294 | 9.85 | 9.5 | 3.1837 | 2.1728 | -0.0019 | 5.3546 | 0.2125 | 0.0431 | -0.0008 | 0.2549 |
| 1295 | 9.63 | 9.6 | 3.1817 | 2.1736 | -0.002 | 5.3533 | 0.1907 | 0.0507 | 0.0005 | 0.2419 |
| 1296 | 9.53 | 9.7 | 3.1793 | 2.1746 | -0.0019 | 5.352 | 0.1506 | 0.0643 | 0.0001 | 0.215 |
| 1297 | 9.76 | 9.82 | 3.178 | 2.175 | -0.0017 | 5.3513 | 0.135 | 0.0701 | 0.0013 | 0.2064 |
| 1298 | 9.78 | 9.94 | 3.1766 | 2.1761 | -0.0016 | 5.3511 | 0.1266 | 0.083 | 0.0043 | 0.2139 |
| 1299 | 9.73 | 10.1 | 3.1762 | 2.1765 | -0.0014 | 5.3513 | 0.1013 | 0.0971 | 0.0072 | 0.2056 |
| 1300 | 9.94 | 10.2 | 3.1772 | 2.176 | -0.0013 | 5.3519 | 0.0934 | 0.0986 | 0.0053 | 0.1972 |
| 1301 | 10.4 | 10.4 | 3.1777 | 2.1758 | -0.0013 | 5.3521 | 0.1153 | 0.0975 | 0.0026 | 0.2154 |
| 1302 | 10.2 | 10.5 | 3.1779 | 2.1761 | -0.0012 | 5.3527 | 0.1082 | 0.1078 | 0.0026 | 0.2185 |
| 1303 | 10.6 | 10.6 | 3.1777 | 2.1765 | -0.0013 | 5.3529 | 0.0848 | 0.1146 | 0.007 | 0.2065 |
| 1304 | 10.5 | 10.7 | 3.1775 | 2.1762 | -0.0016 | 5.3521 | 0.0579 | 0.128 | 0.007 | 0.1929 |
| 1305 | 10.8 | 10.8 | 3.1773 | 2.1757 | -0.0017 | 5.3513 | 0.0483 | 0.1261 | 0.0048 | 0.1793 |
| 1306 | 10.9 | 10.9 | 3.1761 | 2.1758 | -0.0019 | 5.35 | 0.0218 | 0.1371 | 0.0008 | 0.1597 |
| 1307 | 11.2 | 11 | 3.174 | 2.1761 | -0.0019 | 5.3482 | -0.0006 | 0.1356 | 0.0004 | 0.1354 |
| 1308 | 11.3 | 11.1 | 3.1736 | 2.1754 | -0.0019 | 5.3471 | -0.0022 | 0.1219 | 0.0053 | 0.125 |
| 1309 | 12.1 | 11.1 | 3.173 | 2.1754 | -0.002 | 5.3464 | 0.0039 | 0.1019 | 0.0084 | 0.1142 |
| 1310 | 11.8 | 11.2 | 3.1722 | 2.1752 | -0.002 | 5.3454 | 0.0071 | 0.1014 | 0.0039 | 0.1123 |
| 1311 | 11.5 | 11.2 | 3.1719 | 2.1749 | -0.0019 | 5.3449 | 0.0008 | 0.1025 | 0.003 | 0.1063 |
| 1312 | 11.8 | 11.3 | 3.1718 | 2.1746 | -0.002 | 5.3444 | 0.0061 | 0.0998 | 0.0054 | 0.1113 |
| 1313 | 12.1 | 11.3 | 3.1717 | 2.1747 | -0.0019 | 5.3445 | -0.0061 | 0.1138 | 0.0074 | 0.1152 |
| 1314 | 12.1 | 11.3 | 3.1713 | 2.1746 | -0.0021 | 5.3439 | -0.0107 | 0.1179 | 0.0034 | 0.1107 |
| 1315 | 11.6 | 11.2 | 3.1713 | 2.1744 | -0.0022 | 5.3435 | -0.0228 | 0.1325 | -0.0029 | 0.1068 |
| 1316 | 11.1 | 11.2 | 3.1728 | 2.1737 | -0.0023 | 5.3442 | -0.0161 | 0.1362 | -0.0077 | 0.1124 |
| 1317 | 11.1 | 11.2 | 3.1733 | 2.1735 | -0.0025 | 5.3444 | -0.0068 | 0.1439 | -0.0113 | 0.1257 |
| 1318 | 10.8 | 11.1 | 3.1723 | 2.1727 | -0.0026 | 5.3424 | -0.0085 | 0.1462 | -0.0148 | 0.1228 |
| 1319 | 11 | 11 | 3.1695 | 2.1726 | -0.0029 | 5.3392 | 0.0162 | 0.127 | -0.0192 | 0.124 |
| 1320 | 10.7 | 10.9 | 3.1683 | 2.172 | -0.0029 | 5.3374 | 0.0456 | 0.109 | -0.0205 | 0.1341 |
| 1321 | 11.7 | 10.8 | 3.168 | 2.1701 | -0.0029 | 5.3353 | 0.0583 | 0.0933 | -0.0164 | 0.1353 |
| 1322 | 10.5 | 10.8 | 3.1669 | 2.1692 | -0.0031 | 5.333 | 0.0634 | 0.0694 | -0.011 | 0.1217 |
| 1323 | 10.1 | 10.7 | 3.1677 | 2.1691 | -0.0034 | 5.3334 | 0.0496 | 0.0709 | -0.0076 | 0.1129 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1324 | 10.2 | 10.6 | 3.1699 | 2.1693 | -0.0035 | 5.3357 | 0.0618 | 0.0656 | -0.0053 | 0.1221 |
| 1325 | 10.7 | 10.5 | 3.1713 | 2.1691 | -0.0036 | 5.3368 | 0.0609 | 0.0711 | -0.0028 | 0.1292 |
| 1326 | 10.3 | 10.5 | 3.1714 | 2.1688 | -0.0037 | 5.3364 | 0.0593 | 0.0624 | -0.0004 | 0.1213 |
| 1327 | 9.99 | 10.4 | 3.1701 | 2.1687 | -0.0039 | 5.3349 | 0.062 | 0.067 | 0.0059 | 0.1349 |
| 1328 | 10.1 | 10.4 | 3.1693 | 2.1687 | -0.004 | 5.3341 | 0.1028 | 0.058 | 0.0013 | 0.1621 |
| 1329 | 9.95 | 10.4 | 3.1695 | 2.1682 | -0.004 | 5.3338 | 0.131 | 0.0557 | 0.0007 | 0.1875 |
| 1330 | 10.1 | 10.3 | 3.1685 | 2.1681 | -0.0039 | 5.3327 | 0.1452 | 0.0683 | 0.0037 | 0.2173 |
| 1331 | 10.4 | 10.2 | 3.1701 | 2.167 | -0.0037 | 5.3334 | 0.1633 | 0.068 | 0.0019 | 0.2332 |
| 1332 | 10.7 | 10.2 | 3.1709 | 2.1667 | -0.0034 | 5.3342 | 0.1689 | 0.0744 | -0.0026 | 0.2408 |
| 1333 | 10.3 | 10.2 | 3.1704 | 2.1668 | -0.0032 | 5.334 | 0.1555 | 0.0849 | -0.0017 | 0.2387 |
| 1334 | 10.7 | 10.2 | 3.1712 | 2.1668 | -0.0033 | 5.3347 | 0.16 | 0.0725 | 0.0014 | 0.2339 |
| 1335 | 9.51 | 10.1 | 3.1726 | 2.1664 | -0.0032 | 5.3358 | 0.1516 | 0.0639 | 0.0043 | 0.2197 |
| 1336 | 10.3 | 10.1 | 3.1721 | 2.1666 | -0.0032 | 5.3355 | 0.1508 | 0.0589 | 0.006 | 0.2158 |
| 1337 | 10.3 | 10.1 | 3.1724 | 2.1668 | -0.0034 | 5.3358 | 0.1461 | 0.0647 | 0.0074 | 0.2182 |
| 1338 | 10.3 | 10.1 | 3.1726 | 2.1665 | -0.0036 | 5.3354 | 0.1405 | 0.0682 | 0.0094 | 0.2181 |
| 1339 | 10.3 | 10.2 | 3.1715 | 2.1651 | -0.0036 | 5.3331 | 0.1138 | 0.0935 | 0.0116 | 0.2188 |
| 1340 | 10 | 10.2 | 3.1713 | 2.1647 | -0.0035 | 5.3325 | 0.0906 | 0.1061 | 0.0127 | 0.2094 |
| 1341 | 9.85 | 10.2 | 3.1716 | 2.1646 | -0.0032 | 5.333 | 0.0653 | 0.1201 | 0.0149 | 0.2003 |
| 1342 | 9.65 | 10.1 | 3.1722 | 2.1653 | -0.003 | 5.3344 | 0.062 | 0.135 | 0.009 | 0.206 |
| 1343 | 9.58 | 10.1 | 3.1739 | 2.1651 | -0.0031 | 5.336 | 0.0744 | 0.123 | 0.0091 | 0.2065 |
| 1344 | 9.39 | 10.1 | 3.1748 | 2.1651 | -0.0031 | 5.3369 | 0.1064 | 0.1056 | 0.0106 | 0.2226 |
| 1345 | 9.87 | 10 | 3.177 | 2.165 | -0.003 | 5.339 | 0.0895 | 0.1083 | 0.0128 | 0.2106 |
| 1346 | 10.7 | 9.99 | 3.1779 | 2.1651 | -0.003 | 5.34 | 0.0527 | 0.1227 | 0.0119 | 0.1873 |
| 1347 | 10.4 | 9.93 | 3.1782 | 2.1644 | -0.0033 | 5.3393 | 0.0294 | 0.1332 | 0.0114 | 0.174 |
| 1348 | 10.8 | 9.87 | 3.18 | 2.1638 | -0.0036 | 5.3401 | 0.0284 | 0.1384 | 0.0092 | 0.1761 |
| 1349 | 10.4 | 9.79 | 3.1807 | 2.1634 | -0.0038 | 5.3403 | 0.0436 | 0.1463 | 0.0067 | 0.1966 |
| 1350 | 10.2 | 9.75 | 3.1788 | 2.1633 | -0.0037 | 5.3384 | 0.0674 | 0.1365 | 0.0057 | 0.2097 |
| 1351 | 9.87 | 9.7 | 3.1785 | 2.1629 | -0.0034 | 5.338 | 0.0882 | 0.1234 | 0.0074 | 0.219 |
| 1352 | 9.64 | 9.68 | 3.1798 | 2.1621 | -0.0034 | 5.3385 | 0.1081 | 0.1157 | 0.008 | 0.2318 |
| 1353 | 9.85 | 9.69 | 3.1809 | 2.1617 | -0.0035 | 5.3391 | 0.1203 | 0.109 | 0.0086 | 0.2379 |
| 1354 | 9.48 | 9.69 | 3.181 | 2.1618 | -0.0031 | 5.3398 | 0.1186 | 0.1079 | 0.0076 | 0.234 |
| 1355 | 9.23 | 9.66 | 3.1809 | 2.161 | -0.0027 | 5.3392 | 0.109 | 0.1086 | 0.0075 | 0.225 |
| 1356 | 9.1 | 9.6 | 3.1795 | 2.1614 | -0.0027 | 5.3381 | 0.1101 | 0.1008 | 0.008 | 0.2188 |
| 1357 | 9.16 | 9.58 | 3.1776 | 2.1623 | -0.0032 | 5.3368 | 0.109 | 0.1041 | 0.004 | 0.2171 |
| 1358 | 8.79 | 9.57 | 3.1759 | 2.1637 | -0.0036 | 5.3361 | 0.0989 | 0.111 | 0.0039 | 0.2138 |
| 1359 | 9.14 | 9.57 | 3.1749 | 2.1629 | -0.0035 | 5.3343 | 0.0975 | 0.1081 | 0.0075 | 0.2131 |
| 1360 | 8.88 | 9.55 | 3.1739 | 2.1628 | -0.0036 | 5.3331 | 0.099 | 0.1033 | 0.0084 | 0.2106 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1361 | 9.36 | 9.56 | 3.1723 | 2.1629 | -0.0036 | 5.3316 | 0.0909 | 0.1021 | 0.0101 | 0.2031 |
| 1362 | 9.67 | 9.56 | 3.1726 | 2.1617 | -0.0037 | 5.3306 | 0.0863 | 0.0956 | 0.0117 | 0.1937 |
| 1363 | 9.46 | 9.56 | 3.1721 | 2.1616 | -0.0033 | 5.3304 | 0.0704 | 0.1062 | 0.0114 | 0.188 |
| 1364 | 9.28 | 9.6 | 3.1718 | 2.1615 | -0.003 | 5.3303 | 0.0663 | 0.1154 | 0.0116 | 0.1932 |
| 1365 | 9.66 | 9.63 | 3.1727 | 2.1605 | -0.0028 | 5.3304 | 0.052 | 0.1228 | 0.0112 | 0.1859 |
| 1366 | 9.93 | 9.66 | 3.1737 | 2.1596 | -0.0027 | 5.3306 | 0.0493 | 0.1189 | 0.012 | 0.1802 |
| 1367 | 10.6 | 9.68 | 3.1752 | 2.159 | -0.0025 | 5.3317 | 0.0692 | 0.1157 | 0.0122 | 0.1971 |
| 1368 | 10.4 | 9.75 | 3.1761 | 2.1595 | -0.0023 | 5.3333 | 0.082 | 0.1097 | 0.0105 | 0.2022 |
| 1369 | 9.86 | 9.76 | 3.1766 | 2.16 | -0.0023 | 5.3343 | 0.07 | 0.0929 | 0.0062 | 0.1691 |
| 1370 | 10 | 9.79 | 3.1748 | 2.1612 | -0.0024 | 5.3336 | 0.0161 | 0.1045 | 0.0041 | 0.1248 |
| 1371 | 9.81 | 9.8 | 3.1729 | 2.1628 | -0.0026 | 5.333 | 0.009 | 0.093 | 0.002 | 0.1039 |
| 1372 | 9.81 | 9.79 | 3.1742 | 2.1617 | -0.0029 | 5.3331 | 0.0111 | 0.0679 | 0.0019 | 0.0809 |
| 1373 | 10.1 | 9.79 | 3.1734 | 2.1618 | -0.003 | 5.3322 | -0.0016 | 0.066 | 0.0005 | 0.0649 |
| 1374 | 9.84 | 9.82 | 3.174 | 2.1605 | -0.003 | 5.3315 | 0.0074 | 0.0722 | -0.0029 | 0.0768 |
| 1375 | 9.67 | 9.83 | 3.1744 | 2.1601 | -0.0029 | 5.3316 | 0.0211 | 0.0863 | -0.0041 | 0.1033 |
| 1376 | 9.63 | 9.81 | 3.1746 | 2.1599 | -0.0029 | 5.3315 | 0.0079 | 0.0989 | -0.0059 | 0.1009 |
| 1377 | 10 | 9.78 | 3.1737 | 2.1598 | -0.0027 | 5.3308 | -0.0144 | 0.1009 | -0.0036 | 0.0829 |
| 1378 | 9.38 | 9.77 | 3.1732 | 2.1598 | -0.0029 | 5.3301 | -0.0392 | 0.1072 | -0.0031 | 0.0648 |
| 1379 | 9.47 | 9.78 | 3.1736 | 2.159 | -0.0031 | 5.3295 | -0.0427 | 0.1103 | -0.0039 | 0.0637 |
| 1380 | 9.61 | 9.76 | 3.1729 | 2.1595 | -0.003 | 5.3294 | -0.0345 | 0.1078 | -0.004 | 0.0692 |
| 1381 | 9.44 | 9.72 | 3.1725 | 2.1595 | -0.0028 | 5.3292 | -0.0439 | 0.1083 | -0.0033 | 0.0611 |
| 1382 | 9.33 | 9.71 | 3.1719 | 2.1594 | -0.0029 | 5.3284 | -0.0293 | 0.106 | -0.0015 | 0.0752 |
| 1383 | 9.88 | 9.71 | 3.1705 | 2.1604 | -0.003 | 5.3279 | -0.0255 | 0.1189 | -0.0022 | 0.0912 |
| 1384 | 9.88 | 9.69 | 3.1699 | 2.1611 | -0.0032 | 5.3279 | -0.048 | 0.1312 | -0.0023 | 0.0809 |
| 1385 | 9.64 | 9.68 | 3.1705 | 2.161 | -0.0032 | 5.3283 | -0.0456 | 0.1339 | -0.0052 | 0.0831 |
| 1386 | 10 | 9.68 | 3.1734 | 2.1596 | -0.0033 | 5.3297 | -0.0423 | 0.1273 | 0.0004 | 0.0854 |
| 1387 | 10.1 | 9.66 | 3.1749 | 2.1593 | -0.0032 | 5.331 | -0.0442 | 0.1138 | -0.0001 | 0.0695 |
| 1388 | 10.1 | 9.67 | 3.1761 | 2.1591 | -0.0032 | 5.3321 | -0.0494 | 0.0997 | -0.0061 | 0.0442 |
| 1389 | 9.62 | 9.7 | 3.1764 | 2.1591 | -0.003 | 5.3325 | -0.0551 | 0.0917 | -0.0057 | 0.0309 |
| 1390 | 9.2 | 9.74 | 3.1765 | 2.1593 | -0.0031 | 5.3327 | -0.0628 | 0.0779 | -0.005 | 0.0102 |
| 1391 | 9.48 | 9.77 | 3.1759 | 2.1585 | -0.003 | 5.3314 | -0.0682 | 0.0721 | -0.0057 | -0.0018 |
| 1392 | 10.1 | 9.81 | 3.1739 | 2.1605 | -0.003 | 5.3314 | -0.0452 | 0.052 | -0.0071 | -0.0003 |
| 1393 | 9.38 | 9.82 | 3.174 | 2.1615 | -0.003 | 5.3324 | -0.0298 | 0.0488 | -0.0052 | 0.0137 |
| 1394 | 9.57 | 9.84 | 3.1748 | 2.162 | -0.0032 | 5.3335 | -0.0113 | 0.0367 | -0.0047 | 0.0206 |
| 1395 | 9.7 | 9.83 | 3.1764 | 2.1613 | -0.0032 | 5.3346 | -0.0001 | 0.0301 | -0.005 | 0.025 |
| 1396 | 9.62 | 9.83 | 3.1763 | 2.1613 | -0.003 | 5.3346 | 0.0254 | 0.0292 | -0.0041 | 0.0505 |
| 1397 | 9.54 | 9.82 | 3.1752 | 2.1612 | -0.0027 | 5.3337 | 0.0276 | 0.0339 | -0.005 | 0.0566 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1398 | 9.98 | 9.79 | 3.1722 | 2.1615 | -0.0022 | 5.3315 | 0.0371 | 0.0267 | -0.0109 | 0.0529 |
| 1399 | 10.4 | 9.79 | 3.1695 | 2.1628 | -0.002 | 5.3303 | 0.0691 | 0.0166 | -0.012 | 0.0737 |
| 1400 | 10 | 9.84 | 3.1684 | 2.1637 | -0.002 | 5.33 | 0.099 | 0.0022 | -0.0126 | 0.0885 |
| 1401 | 10 | 9.9 | 3.1669 | 2.1642 | -0.0021 | 5.329 | 0.1006 | -0.0169 | -0.0105 | 0.0732 |
| 1402 | 10.1 | 9.91 | 3.1658 | 2.1652 | -0.0021 | 5.3289 | 0.101 | -0.0214 | -0.0077 | 0.072 |
| 1403 | 10.2 | 9.97 | 3.1658 | 2.1658 | -0.0021 | 5.3295 | 0.1051 | -0.0227 | -0.0062 | 0.0763 |
| 1404 | 9.48 | 10 | 3.1666 | 2.1653 | -0.0023 | 5.3296 | 0.1105 | -0.0202 | -0.0066 | 0.0837 |
| 1405 | 10.1 | 10.1 | 3.1663 | 2.1656 | -0.0025 | 5.3294 | 0.111 | -0.0116 | -0.004 | 0.0954 |
| 1406 | 9.95 | 10.1 | 3.1652 | 2.1654 | -0.0023 | 5.3283 | 0.1181 | -0.0253 | -0.0012 | 0.0917 |
| 1407 | 9.37 | 10.2 | 3.1641 | 2.165 | -0.0023 | 5.3268 | 0.1115 | -0.0322 | -0.0014 | 0.0779 |
| 1408 | 9.74 | 10.2 | 3.1638 | 2.1646 | -0.0027 | 5.3258 | 0.09 | -0.0209 | -0.0066 | 0.0625 |
| 1409 | 10.1 | 10.2 | 3.1631 | 2.165 | -0.0028 | 5.3253 | 0.0724 | -0.0028 | -0.0088 | 0.0609 |
| 1410 | 10.6 | 10.2 | 3.1631 | 2.1649 | -0.003 | 5.3251 | 0.073 | -0.0185 | -0.009 | 0.0455 |
| 1411 | 10.5 | 10.3 | 3.1632 | 2.1654 | -0.0031 | 5.3255 | 0.0621 | -0.011 | -0.006 | 0.0451 |
| 1412 | 10.5 | 10.3 | 3.1647 | 2.164 | -0.0031 | 5.3256 | 0.0467 | -0.0121 | -0.0061 | 0.0285 |
| 1413 | 10.7 | 10.3 | 3.1651 | 2.1631 | -0.0031 | 5.3251 | 0.0307 | -0.0143 | -0.0061 | 0.0103 |
| 1414 | 10.6 | 10.4 | 3.1661 | 2.1624 | -0.0032 | 5.3253 | 0.0141 | -0.0043 | 0.0001 | 0.01 |
| 1415 | 10.4 | 10.4 | 3.1664 | 2.1625 | -0.0034 | 5.3255 | 0.0058 | 0.0132 | 0.0043 | 0.0233 |
| 1416 | 10.9 | 10.4 | 3.1659 | 2.1621 | -0.0035 | 5.3245 | 0.0025 | 0.0047 | 0.005 | 0.0121 |
| 1417 | 10.8 | 10.4 | 3.1651 | 2.1626 | -0.0035 | 5.3242 | -0.0119 | 0.0022 | 0.0059 | -0.0038 |
| 1418 | 10.6 | 10.5 | 3.1653 | 2.1634 | -0.0032 | 5.3255 | 0.0126 | -0.0158 | 0.0091 | 0.0059 |
| 1419 | 10 | 10.5 | 3.1679 | 2.1621 | -0.0033 | 5.3267 | 0.0251 | -0.005 | 0.0134 | 0.0335 |
| 1420 | 10.3 | 10.4 | 3.1674 | 2.1627 | -0.0031 | 5.327 | 0.027 | 0.011 | 0.0156 | 0.0537 |
| 1421 | 10.4 | 10.4 | 3.1669 | 2.1634 | -0.0031 | 5.3272 | 0.0273 | 0.0074 | 0.0138 | 0.0485 |
| 1422 | 10.8 | 10.4 | 3.167 | 2.1626 | -0.0031 | 5.3265 | 0.022 | 0.007 | 0.0074 | 0.0364 |
| 1423 | 10.6 | 10.4 | 3.167 | 2.1619 | -0.0031 | 5.3257 | 0.0426 | -0.004 | 0.0016 | 0.0402 |
| 1424 | 10.2 | 10.4 | 3.1678 | 2.1607 | -0.0031 | 5.3254 | 0.0965 | -0.0219 | 0 | 0.0746 |
| 1425 | 9.92 | 10.4 | 3.1705 | 2.1592 | -0.003 | 5.3267 | 0.1203 | -0.0468 | 0.0011 | 0.0747 |
| 1426 | 10.5 | 10.3 | 3.1728 | 2.1587 | -0.0034 | 5.3281 | 0.0758 | -0.0263 | 0.0053 | 0.0547 |
| 1427 | 10.7 | 10.3 | 3.174 | 2.1579 | -0.0035 | 5.3284 | 0.0596 | -0.0079 | 0.0083 | 0.06 |
| 1428 | 9.97 | 10.2 | 3.1736 | 2.1577 | -0.0036 | 5.3277 | 0.0472 | -0.0072 | 0.0077 | 0.0477 |
| 1429 | 9.53 | 10.2 | 3.173 | 2.1575 | -0.0036 | 5.3268 | 0.0439 | -0.0195 | 0.0039 | 0.0283 |
| 1430 | 9.72 | 10.1 | 3.1729 | 2.1573 | -0.0036 | 5.3266 | 0.0098 | -0.0024 | 0.0024 | 0.0097 |
| 1431 | 10.4 | 10.1 | 3.173 | 2.1564 | -0.0035 | 5.3259 | 0.0132 | 0.008 | 0.0015 | 0.0227 |
| 1432 | 11 | 10 | 3.1735 | 2.1548 | -0.0032 | 5.3251 | 0.0152 | 0.0067 | 0.0036 | 0.0255 |
| 1433 | 10.1 | 9.93 | 3.1752 | 2.1537 | -0.003 | 5.3259 | -0.0222 | 0.0254 | 0.0028 | 0.006 |
| 1434 | 10.5 | 9.85 | 3.1758 | 2.1534 | -0.0028 | 5.3264 | -0.0644 | 0.0455 | 0.0019 | -0.0169 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1435 | 10 | 9.78 | 3.1768 | 2.1537 | -0.0032 | 5.3272 | -0.09 | 0.0605 | 0.0012 | -0.0283 |
| 1436 | 9.75 | 9.7 | 3.1765 | 2.1552 | -0.0032 | 5.3286 | -0.0847 | 0.0543 | -0.0006 | -0.0311 |
| 1437 | 9.24 | 9.66 | 3.1774 | 2.1568 | -0.0028 | 5.3313 | -0.0524 | 0.025 | -0.0009 | -0.0283 |
| 1438 | 9.43 | 9.65 | 3.1781 | 2.1573 | -0.003 | 5.3323 | -0.0202 | 0.0188 | -0.0012 | -0.0025 |
| 1439 | 9.72 | 9.63 | 3.1778 | 2.1573 | -0.0031 | 5.332 | -0.0048 | 0.0191 | -0.004 | 0.0102 |
| 1440 | 9.5 | 9.63 | 3.1782 | 2.1575 | -0.0029 | 5.3327 | -0.0074 | 0.0147 | -0.0032 | 0.004 |
| 1441 | 9.13 | 9.59 | 3.1761 | 2.1594 | -0.0025 | 5.333 | 0.001 | 0.0136 | -0.005 | 0.0096 |
| 1442 | 9.27 | 9.51 | 3.1752 | 2.1604 | -0.0025 | 5.333 | 0.002 | 0.0049 | -0.0042 | 0.0027 |
| 1443 | 8.65 | 9.5 | 3.1751 | 2.1614 | -0.0026 | 5.3339 | -0.0214 | 0.0283 | -0.0044 | 0.0025 |
| 1444 | 8.65 | 9.46 | 3.1748 | 2.1621 | -0.0026 | 5.3344 | -0.0103 | 0.0396 | -0.003 | 0.0262 |
| 1445 | 8.99 | 9.45 | 3.1744 | 2.1621 | -0.0026 | 5.3339 | 0.0119 | 0.0428 | -0.004 | 0.0507 |
| 1446 | 9.9 | 9.46 | 3.1751 | 2.1617 | -0.0025 | 5.3343 | 0.0326 | 0.0353 | -0.0037 | 0.0642 |
| 1447 | 9.77 | 9.53 | 3.1745 | 2.1617 | -0.0022 | 5.334 | 0.0385 | 0.0338 | -0.0028 | 0.0696 |
| 1448 | 9.29 | 9.57 | 3.1731 | 2.1621 | -0.0024 | 5.3328 | 0.0299 | 0.0359 | 0.0005 | 0.0663 |
| 1449 | 9.59 | 9.6 | 3.1708 | 2.1632 | -0.0025 | 5.3314 | 0.0083 | 0.0421 | 0.0032 | 0.0536 |
| 1450 | 9.69 | 9.63 | 3.1687 | 2.1649 | -0.0026 | 5.331 | 0.0001 | 0.0515 | 0.0053 | 0.0569 |
| 1451 | 9.63 | 9.7 | 3.1684 | 2.1651 | -0.0027 | 5.3308 | 0.0071 | 0.0597 | 0.0064 | 0.0732 |
| 1452 | 9.76 | 9.76 | 3.1693 | 2.1643 | -0.0028 | 5.3308 | 0.0007 | 0.0639 | 0.006 | 0.0706 |
| 1453 | 9.75 | 9.87 | 3.1698 | 2.1637 | -0.0028 | 5.3307 | -0.0058 | 0.0698 | 0.0059 | 0.0699 |
| 1454 | 9.78 | 10 | 3.1699 | 2.163 | -0.0027 | 5.3302 | -0.005 | 0.0784 | 0.0053 | 0.0787 |
| 1455 | 10.1 | 10.1 | 3.1691 | 2.1636 | -0.0026 | 5.33 | 0.0088 | 0.067 | 0.0048 | 0.0806 |
| 1456 | 10.4 | 10.1 | 3.1684 | 2.1646 | -0.0026 | 5.3304 | 0.006 | 0.0725 | 0.0014 | 0.0799 |
| 1457 | 10.2 | 10.2 | 3.1686 | 2.1644 | -0.0025 | 5.3305 | 0.0077 | 0.0684 | 0.0011 | 0.0773 |
| 1458 | 10.4 | 10.3 | 3.1687 | 2.164 | -0.0027 | 5.33 | -0.0042 | 0.0737 | 0.0007 | 0.0702 |
| 1459 | 10 | 10.3 | 3.1676 | 2.1647 | -0.0026 | 5.3297 | -0.0069 | 0.0794 | -0.0031 | 0.0694 |
| 1460 | 10.5 | 10.3 | 3.1677 | 2.1639 | -0.003 | 5.3286 | -0.0132 | 0.0838 | -0.0044 | 0.0663 |
| 1461 | 10.5 | 10.4 | 3.1677 | 2.1641 | -0.003 | 5.3288 | -0.007 | 0.0697 | -0.004 | 0.0587 |
| 1462 | 10.7 | 10.4 | 3.1695 | 2.1631 | -0.003 | 5.3295 | -0.0191 | 0.0852 | -0.0026 | 0.0634 |
| 1463 | 11.1 | 10.4 | 3.1707 | 2.162 | -0.0033 | 5.3294 | -0.0034 | 0.0745 | -0.0012 | 0.0699 |
| 1464 | 10.4 | 10.4 | 3.1712 | 2.1602 | -0.0034 | 5.328 | 0.0009 | 0.0673 | -0.0003 | 0.0679 |
| 1465 | 10.5 | 10.4 | 3.1724 | 2.16 | -0.0033 | 5.3292 | -0.0035 | 0.0621 | -0.0015 | 0.0571 |
| 1466 | 11.1 | 10.4 | 3.1749 | 2.1594 | -0.0033 | 5.331 | -0.0353 | 0.0994 | -0.0028 | 0.0613 |
| 1467 | 10.9 | 10.4 | 3.174 | 2.1606 | -0.0035 | 5.3311 | -0.0424 | 0.1015 | -0.003 | 0.0561 |
| 1468 | 10.3 | 10.4 | 3.1736 | 2.16 | -0.0036 | 5.33 | -0.0495 | 0.1074 | -0.0039 | 0.0541 |
| 1469 | 10.4 | 10.4 | 3.1739 | 2.1589 | -0.0038 | 5.3289 | -0.0189 | 0.0969 | 0.002 | 0.0801 |
| 1470 | 10 | 10.3 | 3.172 | 2.1605 | -0.0038 | 5.3288 | -0.0165 | 0.107 | 0.0011 | 0.0916 |
| 1471 | 10.1 | 10.3 | 3.1707 | 2.1621 | -0.0034 | 5.3293 | -0.0459 | 0.1303 | 0.002 | 0.0864 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1472 | 10 | 10.2 | 3.17 | 2.1621 | -0.003 | 5.3291 | -0.0593 | 0.1334 | 0.0018 | 0.076 |
| 1473 | 9.99 | 10.1 | 3.1638 | 2.164 | -0.003 | 5.3248 | -0.0625 | 0.1263 | 0.0022 | 0.0659 |
| 1474 | 10.4 | 10.1 | 3.162 | 2.1652 | -0.0031 | 5.324 | -0.0551 | 0.1004 | 0.0057 | 0.0511 |
| 1475 | 10.6 | 10.1 | 3.1669 | 2.1627 | -0.0034 | 5.3261 | -0.0361 | 0.0856 | 0.007 | 0.0565 |
| 1476 | 10.3 | 9.96 | 3.1686 | 2.1606 | -0.0038 | 5.3255 | -0.0077 | 0.0799 | 0.006 | 0.0782 |
| 1477 | 9.7 | 9.89 | 3.169 | 2.1605 | -0.0035 | 5.326 | 0.018 | 0.0779 | 0.0022 | 0.0981 |
| 1478 | 9.7 | 9.87 | 3.1688 | 2.1617 | -0.0033 | 5.3272 | 0.0432 | 0.06 | 0.0025 | 0.1058 |
| 1479 | 9.65 | 9.8 | 3.1726 | 2.1593 | -0.0033 | 5.3286 | 0.04 | 0.052 | 0.0047 | 0.0967 |
| 1480 | 9.79 | 9.77 | 3.1716 | 2.1587 | -0.0032 | 5.3271 | 0.0172 | 0.0535 | 0.0081 | 0.0788 |
| 1481 | 9.55 | 9.73 | 3.171 | 2.1589 | -0.0032 | 5.3267 | -0.0014 | 0.0691 | 0.009 | 0.0767 |
| 1482 | 9.28 | 9.69 | 3.1741 | 2.1568 | -0.0031 | 5.3278 | 0.0006 | 0.0719 | 0.0099 | 0.0824 |
| 1483 | 9.71 | 9.63 | 3.1769 | 2.1559 | -0.0032 | 5.3296 | 0.0178 | 0.0649 | 0.011 | 0.0937 |
| 1484 | 9.71 | 9.55 | 3.1789 | 2.1551 | -0.0033 | 5.3307 | 0.0315 | 0.0478 | 0.0102 | 0.0895 |
| 1485 | 9.24 | 9.5 | 3.179 | 2.1555 | -0.0031 | 5.3314 | 0.0044 | 0.0454 | 0.0124 | 0.0622 |
| 1486 | 9.54 | 9.48 | 3.1786 | 2.1571 | -0.0032 | 5.3326 | 0.0023 | 0.0507 | 0.0073 | 0.0603 |
| 1487 | 9.8 | 9.47 | 3.177 | 2.1574 | -0.0031 | 5.3313 | -0.0097 | 0.0673 | 0.0023 | 0.0598 |
| 1488 | 9.15 | 9.46 | 3.1766 | 2.1572 | -0.0028 | 5.331 | -0.0131 | 0.0896 | 0.005 | 0.0815 |
| 1489 | 9.51 | 9.48 | 3.1771 | 2.1576 | -0.0027 | 5.3321 | -0.0115 | 0.0968 | 0.0053 | 0.0906 |
| 1490 | 9.18 | 9.51 | 3.1764 | 2.1579 | -0.0026 | 5.3317 | -0.0087 | 0.096 | 0.0089 | 0.0962 |
| 1491 | 9.26 | 9.58 | 3.1757 | 2.158 | -0.0026 | 5.3311 | -0.0054 | 0.1003 | 0.0126 | 0.1075 |
| 1492 | 8.88 | 9.64 | 3.176 | 2.1577 | -0.0026 | 5.3312 | -0.0385 | 0.1298 | 0.0162 | 0.1074 |
| 1493 | 8.98 | 9.72 | 3.175 | 2.1575 | -0.0027 | 5.3298 | -0.0478 | 0.1401 | 0.0158 | 0.1081 |
| 1494 | 9.61 | 9.75 | 3.1736 | 2.1577 | -0.0028 | 5.3285 | -0.0456 | 0.1553 | 0.0142 | 0.1239 |
| 1495 | 9.89 | 9.83 | 3.1731 | 2.1578 | -0.0028 | 5.3282 | -0.0357 | 0.1532 | 0.0166 | 0.134 |
| 1496 | 9.58 | 9.86 | 3.1725 | 2.1579 | -0.0027 | 5.3277 | -0.024 | 0.141 | 0.0142 | 0.1313 |
| 1497 | 9.51 | 9.91 | 3.1722 | 2.1576 | -0.0027 | 5.327 | -0.018 | 0.14 | 0.015 | 0.137 |
| 1498 | 10 | 9.98 | 3.1714 | 2.1573 | -0.0026 | 5.3261 | -0.0281 | 0.1488 | 0.0189 | 0.1396 |
| 1499 | 10.3 | 10 | 3.1695 | 2.1577 | -0.0025 | 5.3247 | -0.0329 | 0.1483 | 0.0165 | 0.1319 |
| 1500 | 10.8 | 10.1 | 3.1677 | 2.1577 | -0.0027 | 5.3227 | -0.055 | 0.1605 | 0.0121 | 0.1176 |
| 1501 | 10.4 | 10.2 | 3.1668 | 2.1578 | -0.0027 | 5.3219 | -0.0838 | 0.1806 | 0.0084 | 0.1052 |
| 1502 | 11.3 | 10.3 | 3.1664 | 2.1582 | -0.0027 | 5.3219 | -0.1026 | 0.1881 | 0.0059 | 0.0914 |
| 1503 | 10.3 | 10.4 | 3.1663 | 2.1579 | -0.0026 | 5.3216 | -0.1028 | 0.1797 | 0.001 | 0.0779 |
| 1504 | 10.7 | 10.4 | 3.1657 | 2.1586 | -0.0028 | 5.3215 | -0.101 | 0.171 | -0.0025 | 0.0675 |
| 1505 | 10.2 | 10.5 | 3.1657 | 2.1583 | -0.0026 | 5.3214 | -0.102 | 0.1605 | -0.0003 | 0.0582 |
| 1506 | 10.7 | 10.5 | 3.1644 | 2.1585 | -0.0024 | 5.3206 | -0.1239 | 0.162 | 0.0023 | 0.0404 |
| 1507 | 10.6 | 10.6 | 3.1645 | 2.1576 | -0.0024 | 5.3198 | -0.1441 | 0.1669 | 0.003 | 0.0258 |
| 1508 | 10.7 | 10.6 | 3.1645 | 2.1567 | -0.0023 | 5.3188 | -0.1464 | 0.1592 | 0.0014 | 0.0142 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1509 | 10.9 | 10.7 | 3.1644 | 2.1567 | -0.0024 | 5.3187 | -0.1469 | 0.1553 | -0.0042 | 0.0042 |
| 1510 | 10.9 | 10.7 | 3.1638 | 2.158 | -0.0026 | 5.3192 | -0.1526 | 0.1596 | -0.0041 | 0.003 |
| 1511 | 11 | 10.7 | 3.1652 | 2.1568 | -0.0028 | 5.3192 | -0.1326 | 0.1419 | -0.0039 | 0.0054 |
| 1512 | 10.3 | 10.6 | 3.1651 | 2.1565 | -0.003 | 5.3186 | -0.1153 | 0.14 | -0.0008 | 0.0239 |
| 1513 | 10.5 | 10.6 | 3.165 | 2.1564 | -0.0031 | 5.3184 | -0.0969 | 0.1284 | 0.0009 | 0.0324 |
| 1514 | 11 | 10.6 | 3.1665 | 2.1561 | -0.003 | 5.3196 | -0.1 | 0.1216 | -0.0002 | 0.0213 |
| 1515 | 10.4 | 10.6 | 3.1699 | 2.1525 | -0.0031 | 5.3193 | -0.1171 | 0.1121 | -0.0016 | -0.0066 |
| 1516 | 10.6 | 10.6 | 3.1701 | 2.1519 | -0.0032 | 5.3189 | -0.104 | 0.1105 | -0.0034 | 0.0031 |
| 1517 | 10.6 | 10.5 | 3.1701 | 2.1518 | -0.0031 | 5.3188 | -0.0643 | 0.0999 | -0.0049 | 0.0308 |
| 1518 | 11.2 | 10.5 | 3.1672 | 2.1537 | -0.0034 | 5.3175 | -0.0366 | 0.1039 | -0.0054 | 0.0618 |
| 1519 | 10.3 | 10.4 | 3.1695 | 2.1514 | -0.0034 | 5.3176 | -0.0037 | 0.0897 | -0.0043 | 0.0817 |
| 1520 | 10.4 | 10.3 | 3.172 | 2.1497 | -0.0033 | 5.3184 | 0.0118 | 0.0749 | -0.0039 | 0.0827 |
| 1521 | 10.2 | 10.2 | 3.1728 | 2.15 | -0.0033 | 5.3196 | -0.0157 | 0.096 | 0.0005 | 0.0808 |
| 1522 | 10.1 | 10.2 | 3.1733 | 2.1499 | -0.0033 | 5.3199 | -0.0424 | 0.1135 | 0.0035 | 0.0746 |
| 1523 | 10.2 | 10.1 | 3.1725 | 2.1518 | -0.0037 | 5.3206 | -0.0594 | 0.1161 | 0.0066 | 0.0633 |
| 1524 | 10.7 | 10.1 | 3.1714 | 2.1521 | -0.0038 | 5.3197 | -0.1162 | 0.1319 | 0.009 | 0.0246 |
| 1525 | 10.2 | 10 | 3.1713 | 2.1512 | -0.0037 | 5.3189 | -0.1274 | 0.1452 | 0.0089 | 0.0268 |
| 1526 | 9.56 | 9.95 | 3.171 | 2.1509 | -0.0036 | 5.3183 | -0.06 | 0.1125 | 0.0058 | 0.0583 |
| 1527 | 9.59 | 9.89 | 3.1697 | 2.1519 | -0.0038 | 5.3178 | -0.0324 | 0.0963 | 0.0035 | 0.0674 |
| 1528 | 9.89 | 9.82 | 3.1696 | 2.1525 | -0.004 | 5.318 | -0.0303 | 0.0973 | 0.007 | 0.0739 |
| 1529 | 9.33 | 9.81 | 3.1713 | 2.1521 | -0.0044 | 5.319 | -0.0304 | 0.1043 | 0.01 | 0.0839 |
| 1530 | 9.67 | 9.78 | 3.173 | 2.1504 | -0.0045 | 5.3189 | 0.0014 | 0.0857 | 0.0124 | 0.0995 |
| 1531 | 9.28 | 9.73 | 3.1729 | 2.1492 | -0.0045 | 5.3176 | -0.0328 | 0.1008 | 0.0174 | 0.0854 |
| 1532 | 9.4 | 9.69 | 3.1717 | 2.1483 | -0.0043 | 5.3157 | -0.0472 | 0.114 | 0.0201 | 0.0869 |
| 1533 | 9.78 | 9.63 | 3.1721 | 2.1489 | -0.004 | 5.317 | -0.0119 | 0.0993 | 0.0197 | 0.1072 |
| 1534 | 9.27 | 9.57 | 3.1754 | 2.1489 | -0.004 | 5.3202 | 0.033 | 0.0987 | 0.0184 | 0.1501 |
| 1535 | 9.34 | 9.51 | 3.1766 | 2.1486 | -0.004 | 5.3212 | 0.0664 | 0.0952 | 0.0188 | 0.1804 |
| 1536 | 9.59 | 9.49 | 3.1775 | 2.1485 | -0.0034 | 5.3226 | 0.048 | 0.1288 | 0.0181 | 0.195 |
| 1537 | 9.9 | 9.48 | 3.1787 | 2.1478 | -0.0033 | 5.3232 | 0.0276 | 0.1621 | 0.0153 | 0.205 |
| 1538 | 10.1 | 9.43 | 3.1792 | 2.1476 | -0.0036 | 5.3233 | 0.0155 | 0.1414 | 0.012 | 0.1689 |
| 1539 | 9.79 | 9.41 | 3.1787 | 2.1478 | -0.004 | 5.3224 | 0.0207 | 0.1362 | 0.0131 | 0.1701 |
| 1540 | 9.23 | 9.37 | 3.1787 | 2.1474 | -0.0041 | 5.322 | -0.0013 | 0.1592 | 0.0148 | 0.1727 |
| 1541 | 9.36 | 9.37 | 3.18 | 2.1464 | -0.0041 | 5.3223 | -0.0222 | 0.1622 | 0.0132 | 0.1532 |
| 1542 | 9.04 | 9.34 | 3.1799 | 2.1464 | -0.0041 | 5.3222 | -0.0455 | 0.169 | 0.0102 | 0.1338 |
| 1543 | 9.45 | 9.28 | 3.1796 | 2.1459 | -0.004 | 5.3215 | -0.0616 | 0.1665 | 0.0097 | 0.1145 |
| 1544 | 9.15 | 9.25 | 3.1784 | 2.1468 | -0.0043 | 5.321 | -0.0741 | 0.1519 | 0.0053 | 0.0831 |
| 1545 | 9.12 | 9.21 | 3.1768 | 2.148 | -0.004 | 5.3208 | -0.0917 | 0.1555 | 0.003 | 0.0668 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1546 | 9.38 | 9.17 | 3.1769 | 2.1477 | -0.004 | 5.3206 | -0.0984 | 0.1578 | 0.0018 | 0.0612 |
| 1547 | 9.1 | 9.13 | 3.1773 | 2.1468 | -0.0041 | 5.3201 | -0.0969 | 0.1531 | 0.0022 | 0.0585 |
| 1548 | 8.82 | 9.08 | 3.1764 | 2.1473 | -0.0041 | 5.3196 | -0.0949 | 0.1505 | 0.0037 | 0.0594 |
| 1549 | 9 | 9.03 | 3.1763 | 2.1471 | -0.0037 | 5.3196 | -0.1093 | 0.1461 | 0.0087 | 0.0455 |
| 1550 | 9.25 | 9.05 | 3.1771 | 2.1469 | -0.0034 | 5.3205 | -0.1356 | 0.1482 | 0.01 | 0.0226 |
| 1551 | 8.89 | 9.07 | 3.1787 | 2.1462 | -0.0033 | 5.3217 | -0.1562 | 0.1444 | 0.011 | -0.0008 |
| 1552 | 8.53 | 9.07 | 3.1796 | 2.1464 | -0.0029 | 5.323 | -0.1548 | 0.1449 | 0.007 | -0.0029 |
| 1553 | 8.68 | 9.04 | 3.1799 | 2.1466 | -0.0025 | 5.3239 | -0.1435 | 0.1381 | 0.0029 | -0.0025 |
| 1554 | 8.68 | 9.02 | 3.1801 | 2.1469 | -0.0027 | 5.3244 | -0.1397 | 0.1302 | 0.0019 | -0.0077 |
| 1555 | 8.73 | 9 | 3.1815 | 2.1474 | -0.0028 | 5.326 | -0.142 | 0.1387 | 0.0014 | -0.0018 |
| 1556 | 9.15 | 8.97 | 3.1828 | 2.1479 | -0.0029 | 5.3278 | -0.1155 | 0.1235 | 0.0041 | 0.0121 |
| 1557 | 9.13 | 8.97 | 3.1833 | 2.1485 | -0.0027 | 5.3291 | -0.1194 | 0.1217 | 0.0078 | 0.01 |
| 1558 | 8.88 | 8.98 | 3.1834 | 2.1484 | -0.0023 | 5.3296 | -0.1168 | 0.1119 | 0.0108 | 0.0059 |
| 1559 | 9.56 | 9 | 3.1828 | 2.1488 | -0.0022 | 5.3294 | -0.101 | 0.0963 | 0.0125 | 0.0078 |
| 1560 | 9.85 | 9.01 | 3.181 | 2.1497 | -0.0026 | 5.3281 | -0.0801 | 0.0975 | 0.0132 | 0.0306 |
| 1561 | 8.91 | 9.05 | 3.1792 | 2.1501 | -0.0029 | 5.3264 | -0.0657 | 0.1164 | 0.0122 | 0.0628 |
| 1562 | 8.86 | 9.13 | 3.1792 | 2.1503 | -0.0031 | 5.3263 | -0.0322 | 0.1093 | 0.0104 | 0.0875 |
| 1563 | 8.92 | 9.19 | 3.1807 | 2.1499 | -0.0033 | 5.3272 | -0.0373 | 0.1155 | 0.0117 | 0.0899 |
| 1564 | 8.62 | 9.28 | 3.1829 | 2.149 | -0.0033 | 5.3287 | -0.0505 | 0.1142 | 0.0104 | 0.0741 |
| 1565 | 8.9 | 9.39 | 3.1828 | 2.149 | -0.0029 | 5.3289 | -0.0278 | 0.1085 | 0.0089 | 0.0896 |
| 1566 | 9.15 | 9.43 | 3.1813 | 2.1494 | -0.0028 | 5.3279 | 0.0374 | 0.0549 | 0.0123 | 0.1047 |
| 1567 | 9.01 | 9.48 | 3.1776 | 2.1502 | -0.0029 | 5.3249 | 0.0496 | 0.041 | 0.0142 | 0.1047 |
| 1568 | 9.28 | 9.54 | 3.174 | 2.151 | -0.0032 | 5.3218 | 0.0475 | 0.0439 | 0.0151 | 0.1066 |
| 1569 | 9.44 | 9.59 | 3.1727 | 2.1514 | -0.0034 | 5.3207 | 0.0251 | 0.0597 | 0.013 | 0.0978 |
| 1570 | 9.66 | 9.6 | 3.1736 | 2.1509 | -0.0038 | 5.3207 | 0.0256 | 0.0521 | 0.0131 | 0.0908 |
| 1571 | 10.1 | 9.66 | 3.1749 | 2.1507 | -0.0037 | 5.3219 | 0.0492 | 0.0368 | 0.0144 | 0.1004 |
| 1572 | 9.82 | 9.71 | 3.1759 | 2.1505 | -0.0037 | 5.3227 | 0.057 | 0.0226 | 0.0124 | 0.092 |
| 1573 | 10.4 | 9.78 | 3.1754 | 2.1508 | -0.0039 | 5.3223 | 0.0265 | 0.0449 | 0.0088 | 0.0802 |
| 1574 | 10.8 | 9.86 | 3.1747 | 2.1506 | -0.004 | 5.3214 | 0.0053 | 0.065 | 0.0055 | 0.0758 |
| 1575 | 9.98 | 9.9 | 3.1729 | 2.1515 | -0.004 | 5.3203 | 0.001 | 0.0565 | 0.0069 | 0.0644 |
| 1576 | 9.97 | 9.94 | 3.1718 | 2.151 | -0.0041 | 5.3187 | -0.0041 | 0.0441 | 0.011 | 0.0511 |
| 1577 | 10.1 | 10 | 3.172 | 2.1508 | -0.0042 | 5.3186 | -0.016 | 0.0382 | 0.012 | 0.0342 |
| 1578 | 10.4 | 10 | 3.1718 | 2.1513 | -0.0043 | 5.3188 | -0.0285 | 0.0465 | 0.011 | 0.029 |
| 1579 | 10.2 | 10.1 | 3.1725 | 2.1507 | -0.0046 | 5.3186 | -0.0174 | 0.0546 | 0.0076 | 0.0448 |
| 1580 | 9.9 | 10.1 | 3.1749 | 2.1486 | -0.0049 | 5.3186 | -0.0101 | 0.0725 | 0.007 | 0.0694 |
| 1581 | 9.86 | 10.1 | 3.1757 | 2.1475 | -0.0052 | 5.318 | 0.0127 | 0.0651 | 0.0083 | 0.0861 |
| 1582 | 10.3 | 10.1 | 3.1753 | 2.1469 | -0.0051 | 5.3171 | 0.0088 | 0.0639 | 0.0112 | 0.0839 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1583 | 10 | 10 | 3.1736 | 2.146 | -0.0051 | 5.3146 | -0.0303 | 0.0665 | 0.014 | 0.0501 |
| 1584 | 9.71 | 9.98 | 3.1723 | 2.1455 | -0.0052 | 5.3127 | -0.0329 | 0.0696 | 0.0154 | 0.0522 |
| 1585 | 9.93 | 9.95 | 3.1742 | 2.1427 | -0.0049 | 5.3119 | -0.0142 | 0.081 | 0.0119 | 0.0788 |
| 1586 | 10 | 9.93 | 3.1759 | 2.1409 | -0.0047 | 5.3121 | -0.0083 | 0.0709 | 0.0136 | 0.0762 |
| 1587 | 9.88 | 9.9 | 3.1754 | 2.1433 | -0.0043 | 5.3144 | -0.026 | 0.0863 | 0.0205 | 0.0808 |
| 1588 | 10.2 | 9.83 | 3.1745 | 2.1436 | -0.0041 | 5.314 | -0.0357 | 0.0996 | 0.0217 | 0.0856 |
| 1589 | 10.1 | 9.78 | 3.1773 | 2.1417 | -0.0042 | 5.3148 | -0.0391 | 0.0993 | 0.0194 | 0.0796 |
| 1590 | 9.76 | 9.77 | 3.1786 | 2.1417 | -0.0039 | 5.3164 | -0.0434 | 0.0949 | 0.0158 | 0.0673 |
| 1591 | 10.1 | 9.72 | 3.1802 | 2.1411 | -0.0036 | 5.3177 | -0.0405 | 0.1005 | 0.0146 | 0.0746 |
| 1592 | 9.45 | 9.63 | 3.1822 | 2.141 | -0.0035 | 5.3197 | -0.0213 | 0.0964 | 0.0098 | 0.0849 |
| 1593 | 9.65 | 9.54 | 3.1824 | 2.1423 | -0.0033 | 5.3215 | -0.0169 | 0.0793 | 0.0062 | 0.0686 |
| 1594 | 9.32 | 9.47 | 3.1828 | 2.1421 | -0.0031 | 5.3218 | -0.0408 | 0.0771 | 0.0048 | 0.0411 |
| 1595 | 9.57 | 9.41 | 3.183 | 2.142 | -0.003 | 5.322 | -0.068 | 0.087 | 0.0006 | 0.0196 |
| 1596 | 9.61 | 9.35 | 3.1822 | 2.1426 | -0.003 | 5.3218 | -0.0959 | 0.1088 | 0.0045 | 0.0173 |
| 1597 | 9.1 | 9.3 | 3.1817 | 2.1425 | -0.0031 | 5.3211 | -0.0945 | 0.1019 | 0.0032 | 0.0106 |
| 1598 | 9.31 | 9.23 | 3.1823 | 2.1426 | -0.0034 | 5.3215 | -0.081 | 0.0831 | 0.0039 | 0.0059 |
| 1599 | 9.61 | 9.17 | 3.183 | 2.1429 | -0.0035 | 5.3224 | -0.0791 | 0.0807 | 0.0071 | 0.0087 |
| 1600 | 8.97 | 9.14 | 3.1833 | 2.1433 | -0.0038 | 5.3228 | -0.0794 | 0.0802 | 0.0121 | 0.0129 |
| 1601 | 8.61 | 9.14 | 3.1823 | 2.1433 | -0.0034 | 5.3222 | -0.0722 | 0.0788 | 0.0156 | 0.0222 |
| 1602 | 8.23 | 9.19 | 3.1807 | 2.1444 | -0.003 | 5.3221 | -0.0472 | 0.0671 | 0.0174 | 0.0373 |
| 1603 | 8.56 | 9.21 | 3.1803 | 2.1449 | -0.0028 | 5.3224 | -0.0299 | 0.068 | 0.0229 | 0.061 |
| 1604 | 8.79 | 9.23 | 3.1799 | 2.1447 | -0.0029 | 5.3217 | -0.015 | 0.071 | 0.0275 | 0.0835 |
| 1605 | 8.71 | 9.26 | 3.1773 | 2.146 | -0.003 | 5.3202 | -0.0127 | 0.0852 | 0.0272 | 0.0997 |
| 1606 | 8.94 | 9.3 | 3.1764 | 2.1464 | -0.0032 | 5.3196 | -0.0131 | 0.1182 | 0.024 | 0.1291 |
| 1607 | 8.96 | 9.35 | 3.1762 | 2.1464 | -0.0034 | 5.3192 | -0.0002 | 0.127 | 0.0221 | 0.1488 |
| 1608 | 8.9 | 9.37 | 3.1746 | 2.147 | -0.0036 | 5.318 | 0.0204 | 0.1239 | 0.0264 | 0.1707 |
| 1609 | 9.25 | 9.41 | 3.1724 | 2.1469 | -0.0037 | 5.3156 | 0.0252 | 0.1167 | 0.0285 | 0.1703 |
| 1610 | 10.1 | 9.47 | 3.1704 | 2.1463 | -0.0038 | 5.3129 | -0.0202 | 0.1294 | 0.0286 | 0.1378 |
| 1611 | 10.4 | 9.54 | 3.1684 | 2.1459 | -0.0039 | 5.3104 | -0.0438 | 0.1324 | 0.0208 | 0.1094 |
| 1612 | 10.1 | 9.62 | 3.1688 | 2.145 | -0.0041 | 5.3096 | -0.0677 | 0.1282 | 0.0175 | 0.0779 |
| 1613 | 9.54 | 9.68 | 3.1701 | 2.145 | -0.0041 | 5.3109 | -0.085 | 0.1511 | 0.0171 | 0.0831 |
| 1614 | 10.2 | 9.73 | 3.1692 | 2.1453 | -0.0039 | 5.3106 | -0.0796 | 0.1597 | 0.0141 | 0.0942 |
| 1615 | 10.4 | 9.79 | 3.1662 | 2.147 | -0.0043 | 5.3089 | -0.062 | 0.1464 | 0.0135 | 0.0978 |
| 1616 | 10 | 9.83 | 3.1651 | 2.1478 | -0.0046 | 5.3084 | -0.0601 | 0.1376 | 0.0163 | 0.0938 |
| 1617 | 9.67 | 9.85 | 3.1653 | 2.1474 | -0.0046 | 5.3081 | -0.0726 | 0.135 | 0.0184 | 0.0808 |
| 1618 | 10.5 | 9.9 | 3.1647 | 2.1477 | -0.0047 | 5.3077 | -0.104 | 0.1216 | 0.0169 | 0.0346 |
| 1619 | 10.1 | 9.97 | 3.167 | 2.1462 | -0.0047 | 5.3085 | -0.1462 | 0.1359 | 0.0156 | 0.0053 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1620 | 9.88 | 10 | 3.1671 | 2.146 | -0.0047 | 5.3084 | -0.1881 | 0.1546 | 0.0128 | -0.0206 |
| 1621 | 9.7 | 9.98 | 3.1671 | 2.1478 | -0.0045 | 5.3104 | -0.2126 | 0.1973 | 0.0106 | -0.0046 |
| 1622 | 9.7 | 9.95 | 3.1706 | 2.1455 | -0.0042 | 5.3119 | -0.1755 | 0.1681 | 0.0126 | 0.0053 |
| 1623 | 9.81 | 9.96 | 3.172 | 2.1453 | -0.0043 | 5.313 | -0.2309 | 0.2236 | 0.012 | 0.0048 |
| 1624 | 9.9 | 9.94 | 3.1713 | 2.1465 | -0.0045 | 5.3133 | -0.2543 | 0.2367 | 0.0111 | -0.0065 |
| 1625 | 9.65 | 9.92 | 3.1717 | 2.1468 | -0.0048 | 5.3138 | -0.2095 | 0.1952 | 0.0121 | -0.0022 |
| 1626 | 9.32 | 9.92 | 3.1726 | 2.1471 | -0.0048 | 5.3149 | -0.2345 | 0.2093 | 0.0131 | -0.0121 |
| 1627 | 9.74 | 9.95 | 3.1725 | 2.1473 | -0.0049 | 5.3149 | -0.2426 | 0.1927 | 0.0128 | -0.0371 |
| 1628 | 10.6 | 9.94 | 3.1713 | 2.147 | -0.0048 | 5.3135 | -0.2225 | 0.1622 | 0.0117 | -0.0487 |
| 1629 | 10.6 | 9.93 | 3.1723 | 2.1449 | -0.0051 | 5.312 | -0.2136 | 0.1608 | 0.0095 | -0.0433 |
| 1630 | 10.1 | 9.92 | 3.1718 | 2.1439 | -0.0053 | 5.3103 | -0.2027 | 0.147 | 0.0053 | -0.0504 |
| 1631 | 9.59 | 9.94 | 3.1721 | 2.1428 | -0.0056 | 5.3092 | -0.152 | 0.0983 | 0.001 | -0.0527 |
| 1632 | 9.75 | 9.94 | 3.1748 | 2.1417 | -0.0057 | 5.3107 | -0.1362 | 0.0852 | -0.0021 | -0.0531 |
| 1633 | 9.75 | 9.96 | 3.1754 | 2.1419 | -0.0055 | 5.3118 | -0.1178 | 0.0693 | -0.0004 | -0.049 |
| 1634 | 9.96 | 9.95 | 3.1768 | 2.1408 | -0.0052 | 5.3123 | -0.1236 | 0.0727 | 0.0032 | -0.0478 |
| 1635 | 10 | 9.91 | 3.1774 | 2.1415 | -0.0053 | 5.3136 | -0.0782 | 0.0728 | 0.008 | 0.0027 |
| 1636 | 10.3 | 9.9 | 3.1801 | 2.1399 | -0.0055 | 5.3145 | -0.0434 | 0.0383 | 0.0106 | 0.0056 |
| 1637 | 10.4 | 9.86 | 3.1823 | 2.1379 | -0.0055 | 5.3146 | -0.0501 | 0.0564 | 0.0147 | 0.021 |
| 1638 | 9.89 | 9.77 | 3.1831 | 2.1377 | -0.0055 | 5.3153 | -0.0677 | 0.1012 | 0.0169 | 0.0504 |
| 1639 | 9.59 | 9.72 | 3.183 | 2.1383 | -0.0056 | 5.3157 | -0.1063 | 0.1252 | 0.0175 | 0.0364 |
| 1640 | 10.2 | 9.69 | 3.1827 | 2.1374 | -0.0056 | 5.3145 | -0.124 | 0.1096 | 0.0116 | -0.0027 |
| 1641 | 9.72 | 9.66 | 3.1821 | 2.1368 | -0.0051 | 5.3138 | -0.1462 | 0.1155 | 0.0113 | -0.0194 |
| 1642 | 10.2 | 9.61 | 3.1816 | 2.1385 | -0.0047 | 5.3154 | -0.1593 | 0.1224 | 0.0169 | -0.02 |
| 1643 | 9.7 | 9.54 | 3.1837 | 2.1382 | -0.0045 | 5.3174 | -0.1679 | 0.1287 | 0.0178 | -0.0213 |
| 1644 | 8.84 | 9.46 | 3.1852 | 2.1381 | -0.0043 | 5.319 | -0.1946 | 0.162 | 0.0173 | -0.0153 |
| 1645 | 9.09 | 9.4 | 3.1864 | 2.1371 | -0.0045 | 5.3191 | -0.1955 | 0.1795 | 0.019 | 0.003 |
| 1646 | 8.95 | 9.34 | 3.1864 | 2.1375 | -0.0043 | 5.3195 | -0.1915 | 0.1796 | 0.0178 | 0.0059 |
| 1647 | 9.09 | 9.27 | 3.1854 | 2.1385 | -0.0045 | 5.3195 | -0.1679 | 0.1546 | 0.015 | 0.0017 |
| 1648 | 9.6 | 9.24 | 3.1843 | 2.1392 | -0.0048 | 5.3187 | -0.1403 | 0.118 | 0.0097 | -0.0127 |
| 1649 | 9.59 | 9.23 | 3.1842 | 2.1391 | -0.0049 | 5.3184 | -0.123 | 0.1058 | 0.0056 | -0.0116 |
| 1650 | 9.01 | 9.19 | 3.1843 | 2.139 | -0.005 | 5.3183 | -0.1001 | 0.1076 | 0.0111 | 0.0185 |
| 1651 | 8.68 | 9.2 | 3.1834 | 2.1395 | -0.005 | 5.318 | -0.0811 | 0.0845 | 0.0111 | 0.0145 |
| 1652 | 8.5 | 9.19 | 3.1826 | 2.1396 | -0.0052 | 5.3169 | -0.0811 | 0.0712 | 0.018 | 0.0081 |
| 1653 | 8.43 | 9.22 | 3.1814 | 2.1395 | -0.0053 | 5.3156 | -0.0961 | 0.0916 | 0.0222 | 0.0177 |
| 1654 | 8.85 | 9.28 | 3.1814 | 2.1384 | -0.0054 | 5.3144 | -0.1064 | 0.1066 | 0.0247 | 0.0249 |
| 1655 | 9.12 | 9.32 | 3.1828 | 2.1355 | -0.0052 | 5.3131 | -0.0972 | 0.0922 | 0.023 | 0.018 |
| 1656 | 8.98 | 9.37 | 3.1828 | 2.1352 | -0.0051 | 5.3129 | -0.1192 | 0.1118 | 0.023 | 0.0156 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1657 | 9.44 | 9.42 | 3.1812 | 2.1361 | -0.0053 | 5.312 | -0.1348 | 0.1306 | 0.023 | 0.0189 |
| 1658 | 9.27 | 9.46 | 3.1809 | 2.1368 | -0.0051 | 5.3125 | -0.1547 | 0.1488 | 0.022 | 0.0162 |
| 1659 | 9.48 | 9.5 | 3.1849 | 2.1358 | -0.0051 | 5.3156 | -0.1775 | 0.1658 | 0.0205 | 0.0088 |
| 1660 | 10.1 | 9.53 | 3.1853 | 2.1365 | -0.0047 | 5.3171 | -0.1919 | 0.1656 | 0.0182 | -0.0081 |
| 1661 | 9.82 | 9.58 | 3.186 | 2.1373 | -0.0047 | 5.3186 | -0.1924 | 0.1487 | 0.017 | -0.0268 |
| 1662 | 10.4 | 9.64 | 3.1877 | 2.1352 | -0.0048 | 5.318 | -0.1998 | 0.1394 | 0.0148 | -0.0456 |
| 1663 | 9.93 | 9.73 | 3.1887 | 2.1339 | -0.0047 | 5.3178 | -0.2011 | 0.1407 | 0.0131 | -0.0473 |
| 1664 | 9.92 | 9.79 | 3.1891 | 2.1344 | -0.0046 | 5.3189 | -0.1978 | 0.1614 | 0.0105 | -0.0259 |
| 1665 | 9.84 | 9.84 | 3.1889 | 2.1352 | -0.0046 | 5.3195 | -0.2223 | 0.1615 | 0.0119 | -0.0488 |
| 1666 | 10 | 9.93 | 3.1886 | 2.1359 | -0.0046 | 5.3198 | -0.2545 | 0.1794 | 0.0089 | -0.0662 |
| 1667 | 10.4 | 9.96 | 3.188 | 2.138 | -0.0046 | 5.3215 | -0.277 | 0.2081 | 0.0038 | -0.0651 |
| 1668 | 10.4 | 9.98 | 3.1886 | 2.1374 | -0.0047 | 5.3213 | -0.2668 | 0.1984 | 0.0007 | -0.0677 |
| 1669 | 9.57 | 10 | 3.1915 | 2.1359 | -0.0047 | 5.3227 | -0.2685 | 0.1963 | -0.0016 | -0.0738 |
| 1670 | 9.51 | 10 | 3.1949 | 2.1312 | -0.0049 | 5.3211 | -0.2535 | 0.1831 | -0.0037 | -0.0741 |
| 1671 | 9.62 | 10 | 3.1925 | 2.1339 | -0.005 | 5.3214 | -0.2684 | 0.186 | -0.003 | -0.0854 |
| 1672 | 10.1 | 10 | 3.199 | 2.1282 | -0.0049 | 5.3223 | -0.2706 | 0.2095 | -0.0023 | -0.0635 |
| 1673 | 10.1 | 10 | 3.2008 | 2.1271 | -0.005 | 5.323 | -0.2337 | 0.1901 | -0.0035 | -0.0471 |
| 1674 | 10 | 10.1 | 3.1957 | 2.1311 | -0.0052 | 5.3216 | -0.2204 | 0.1877 | -0.0068 | -0.0395 |
| 1675 | 10.6 | 10.1 | 3.1963 | 2.1305 | -0.0053 | 5.3215 | -0.2187 | 0.1877 | -0.0107 | -0.0417 |
| 1676 | 10 | 10 | 3.1961 | 2.1318 | -0.0054 | 5.3225 | -0.2115 | 0.1759 | -0.0135 | -0.0492 |
| 1677 | 9.67 | 10 | 3.1943 | 2.1346 | -0.0054 | 5.3235 | -0.202 | 0.1741 | -0.0101 | -0.038 |
| 1678 | 10.1 | 9.99 | 3.1932 | 2.1352 | -0.0052 | 5.3232 | -0.2096 | 0.1792 | -0.0082 | -0.0385 |
| 1679 | 9.99 | 10 | 3.1928 | 2.136 | -0.0051 | 5.3237 | -0.2254 | 0.1753 | -0.007 | -0.0572 |
| 1680 | 10 | 10 | 3.1901 | 2.1388 | -0.005 | 5.3239 | -0.2055 | 0.1517 | -0.014 | -0.0678 |
| 1681 | 10.1 | 10 | 3.1893 | 2.1389 | -0.005 | 5.3233 | -0.1894 | 0.138 | -0.0143 | -0.0657 |
| 1682 | 10.4 | 10 | 3.1871 | 2.14 | -0.0051 | 5.322 | -0.1852 | 0.1244 | -0.0173 | -0.0781 |
| 1683 | 10.6 | 9.99 | 3.186 | 2.1387 | -0.0054 | 5.3193 | -0.1392 | 0.1001 | -0.0184 | -0.0575 |
| 1684 | 9.79 | 9.98 | 3.1801 | 2.1383 | -0.006 | 5.3124 | -0.1213 | 0.0988 | -0.0139 | -0.0364 |
| 1685 | 9.85 | 9.97 | 3.1785 | 2.1388 | -0.006 | 5.3113 | -0.0805 | 0.0836 | -0.01 | -0.0069 |
| 1686 | 10.1 | 10 | 3.1809 | 2.1353 | -0.0062 | 5.31 | -0.0448 | 0.0813 | -0.0129 | 0.0236 |
| 1687 | 9.77 | 10.1 | 3.1822 | 2.1331 | -0.006 | 5.3093 | 0.0104 | 0.0449 | -0.0135 | 0.0419 |
| 1688 | 10.4 | 10.1 | 3.1852 | 2.1311 | -0.0059 | 5.3104 | 0.0524 | 0.024 | -0.0108 | 0.0656 |
| 1689 | 9.55 | 10.2 | 3.1897 | 2.1308 | -0.0053 | 5.3151 | 0.0663 | 0.029 | -0.0077 | 0.0875 |
| 1690 | 9.76 | 10.1 | 3.1932 | 2.1302 | -0.005 | 5.3184 | 0.0503 | 0.0454 | -0.0098 | 0.0858 |
| 1691 | 9.6 | 10.1 | 3.1961 | 2.1289 | -0.0053 | 5.3197 | 0.0298 | 0.0429 | -0.0094 | 0.0632 |
| 1692 | 9.58 | 10.1 | 3.199 | 2.1282 | -0.0053 | 5.3218 | 0.0123 | 0.0503 | -0.0089 | 0.0537 |
| 1693 | 9.84 | 10 | 3.2019 | 2.1261 | -0.005 | 5.323 | -0.0141 | 0.0854 | -0.0118 | 0.0594 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1694 | 10.3 | 10 | 3.2023 | 2.1242 | -0.005 | 5.3215 | 0.0119 | 0.0751 | -0.008 | 0.079 |
| 1695 | 11 | 10 | 3.2021 | 2.1241 | -0.0048 | 5.3214 | 0.0255 | 0.0683 | -0.008 | 0.0858 |
| 1696 | 11 | 9.97 | 3.199 | 2.1271 | -0.0045 | 5.3216 | 0.029 | 0.0609 | -0.0074 | 0.0825 |
| 1697 | 11.1 | 9.94 | 3.1957 | 2.1307 | -0.004 | 5.3224 | 0.0254 | 0.0623 | -0.0042 | 0.0834 |
| 1698 | 10.4 | 9.88 | 3.1946 | 2.1321 | -0.004 | 5.3227 | 0.0017 | 0.0754 | -0.0048 | 0.0723 |
| 1699 | 9.61 | 9.88 | 3.193 | 2.1321 | -0.0046 | 5.3205 | -0.0268 | 0.0884 | -0.0044 | 0.0572 |
| 1700 | 9.74 | 9.87 | 3.1914 | 2.1348 | -0.0049 | 5.3213 | -0.0318 | 0.0908 | -0.0062 | 0.0528 |
| 1701 | 9.68 | 9.93 | 3.1904 | 2.1362 | -0.0052 | 5.3214 | -0.0358 | 0.0917 | -0.0061 | 0.0497 |
| 1702 | 9.48 | 10 | 3.1904 | 2.1352 | -0.0052 | 5.3204 | -0.0438 | 0.0834 | -0.0024 | 0.0372 |
| 1703 | 9.49 | 10.1 | 3.1909 | 2.1342 | -0.0053 | 5.3199 | -0.0421 | 0.076 | -0.001 | 0.0328 |
| 1704 | 9.65 | 10.1 | 3.1896 | 2.1355 | -0.0052 | 5.3199 | -0.0756 | 0.1009 | -0.0024 | 0.0229 |
| 1705 | 9.52 | 9.98 | 3.1892 | 2.1348 | -0.0053 | 5.3187 | -0.0773 | 0.0959 | -0.003 | 0.0156 |
| 1706 | 9.12 | 9.93 | 3.1899 | 2.1333 | -0.0055 | 5.3177 | -0.0386 | 0.0604 | -0.0005 | 0.0213 |
| 1707 | 9.19 | 9.84 | 3.1917 | 2.1316 | -0.0056 | 5.3176 | -0.0222 | 0.0532 | -0.0009 | 0.0302 |
| 1708 | 9.56 | 9.79 | 3.1924 | 2.1305 | -0.0057 | 5.3172 | -0.0183 | 0.0619 | -0.0039 | 0.0397 |
| 1709 | 9.62 | 9.79 | 3.1916 | 2.1304 | -0.0055 | 5.3164 | -0.0326 | 0.0785 | -0.0021 | 0.0438 |
| 1710 | 10.7 | 9.75 | 3.1897 | 2.1315 | -0.0055 | 5.3156 | 0.0029 | 0.0692 | -0.0028 | 0.0693 |
| 1711 | 11.2 | 9.73 | 3.1884 | 2.132 | -0.0054 | 5.315 | 0.0191 | 0.0808 | -0.0005 | 0.0994 |
| 1712 | 10.6 | 9.74 | 3.1889 | 2.1309 | -0.0055 | 5.3144 | 0.0273 | 0.0848 | 0.0008 | 0.1129 |
| 1713 | 10.5 | 9.72 | 3.1899 | 2.1288 | -0.0052 | 5.3135 | 0.0386 | 0.0647 | -0.0012 | 0.1022 |
| 1714 | 9.47 | 9.67 | 3.1915 | 2.1291 | -0.0051 | 5.3155 | 0.0422 | 0.0623 | 0.0042 | 0.1086 |
| 1715 | 10.1 | 9.64 | 3.1916 | 2.1291 | -0.0052 | 5.3155 | 0.0439 | 0.082 | 0.0068 | 0.1327 |
| 1716 | 9.27 | 9.63 | 3.1928 | 2.127 | -0.005 | 5.3149 | 0.0401 | 0.1026 | 0.0034 | 0.146 |
| 1717 | 9.59 | 9.62 | 3.192 | 2.1276 | -0.0047 | 5.3149 | 0.033 | 0.1162 | -0.0028 | 0.1464 |
| 1718 | 9.48 | 9.56 | 3.1915 | 2.1281 | -0.0045 | 5.3151 | 0.0198 | 0.1374 | -0.0047 | 0.1525 |
| 1719 | 9.14 | 9.52 | 3.1923 | 2.1279 | -0.0043 | 5.3159 | 0.0148 | 0.1309 | -0.0079 | 0.1379 |
| 1720 | 9.33 | 9.43 | 3.1939 | 2.1274 | -0.0044 | 5.3169 | 0.0331 | 0.1094 | -0.0098 | 0.1327 |
| 1721 | 9.57 | 9.32 | 3.1942 | 2.1268 | -0.0043 | 5.3167 | 0.0646 | 0.0569 | -0.0065 | 0.115 |
| 1722 | 9.11 | 9.23 | 3.194 | 2.1265 | -0.0038 | 5.3166 | 0.035 | 0.0857 | -0.0041 | 0.1166 |
| 1723 | 8.72 | 9.16 | 3.194 | 2.1266 | -0.0036 | 5.317 | 0.0972 | 0.0345 | -0.007 | 0.1246 |
| 1724 | 8.84 | 9.14 | 3.1932 | 2.1277 | -0.0034 | 5.3175 | 0.1259 | 0.0181 | -0.0088 | 0.1352 |
| 1725 | 8.96 | 9.08 | 3.1929 | 2.1292 | -0.0034 | 5.3187 | 0.0815 | 0.0568 | -0.0076 | 0.1307 |
| 1726 | 9.05 | 9.07 | 3.1928 | 2.1297 | -0.0038 | 5.3187 | 0.0884 | 0.0556 | -0.0052 | 0.1389 |
| 1727 | 8.4 | 9.07 | 3.1935 | 2.1294 | -0.0041 | 5.3188 | 0.0996 | 0.0675 | -0.0042 | 0.1629 |
| 1728 | 8.96 | 9.09 | 3.1939 | 2.1295 | -0.0041 | 5.3193 | 0.0962 | 0.0912 | 0 | 0.1874 |
| 1729 | 8.86 | 9.12 | 3.1928 | 2.1297 | -0.0037 | 5.3188 | 0.0937 | 0.1113 | -0.0098 | 0.1953 |
| 1730 | 9.06 | 9.13 | 3.1907 | 2.1301 | -0.0039 | 5.3169 | 0.092 | 0.1407 | -0.0215 | 0.2112 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1731 | 8.89 | 9.13 | 3.1906 | 2.1304 | -0.0039 | 5.317 | 0.089 | 0.1695 | -0.0198 | 0.2387 |
| 1732 | 9.32 | 9.15 | 3.1887 | 2.1317 | -0.0039 | 5.3165 | 0.1026 | 0.1592 | -0.0193 | 0.2426 |
| 1733 | 9.01 | 9.21 | 3.1875 | 2.1321 | -0.0042 | 5.3154 | 0.0804 | 0.1709 | -0.0214 | 0.2299 |
| 1734 | 8.97 | 9.26 | 3.1848 | 2.1324 | -0.0042 | 5.313 | 0.0842 | 0.1529 | -0.0249 | 0.2121 |
| 1735 | 8.98 | 9.31 | 3.1819 | 2.1334 | -0.004 | 5.3112 | 0.048 | 0.1337 | -0.0308 | 0.1509 |
| 1736 | 9.6 | 9.39 | 3.1791 | 2.1354 | -0.0041 | 5.3103 | 0.0571 | 0.13 | -0.032 | 0.155 |
| 1737 | 9.93 | 9.53 | 3.177 | 2.1355 | -0.0044 | 5.3081 | 0.0682 | 0.1113 | -0.0339 | 0.1456 |
| 1738 | 9.72 | 9.65 | 3.1765 | 2.1348 | -0.0047 | 5.3066 | 0.0849 | 0.0904 | -0.0298 | 0.1455 |
| 1739 | 9.57 | 9.7 | 3.178 | 2.1337 | -0.0046 | 5.3071 | 0.1159 | 0.0689 | -0.025 | 0.1598 |
| 1740 | 9.54 | 9.74 | 3.1798 | 2.1331 | -0.0047 | 5.3082 | 0.142 | 0.059 | -0.024 | 0.177 |
| 1741 | 9.49 | 9.8 | 3.1809 | 2.1317 | -0.0042 | 5.3084 | 0.1512 | 0.0541 | -0.0252 | 0.1802 |
| 1742 | 9.86 | 9.85 | 3.183 | 2.1299 | -0.0035 | 5.3094 | 0.1697 | 0.0436 | -0.0296 | 0.1837 |
| 1743 | 9.8 | 9.9 | 3.1825 | 2.1307 | -0.0037 | 5.3095 | 0.2113 | 0.0114 | -0.0284 | 0.1942 |
| 1744 | 9.83 | 9.96 | 3.1827 | 2.1313 | -0.0035 | 5.3104 | 0.2328 | -0.0124 | -0.0249 | 0.1955 |
| 1745 | 10.6 | 10 | 3.1835 | 2.131 | -0.0037 | 5.3108 | 0.2082 | -0.0193 | -0.0255 | 0.1634 |
| 1746 | 11.2 | 10 | 3.1838 | 2.1313 | -0.0039 | 5.3112 | 0.2059 | -0.0242 | -0.0221 | 0.1596 |
| 1747 | 11.1 | 10 | 3.1853 | 2.131 | -0.004 | 5.3122 | 0.1893 | -0.0095 | -0.018 | 0.1617 |
| 1748 | 9.88 | 10 | 3.187 | 2.1304 | -0.0043 | 5.313 | 0.1674 | 0.0209 | -0.0134 | 0.1748 |
| 1749 | 9.91 | 10 | 3.1874 | 2.13 | -0.0043 | 5.3131 | 0.1631 | 0.0459 | -0.0112 | 0.1978 |
| 1750 | 9.99 | 10 | 3.1879 | 2.1298 | -0.0044 | 5.3133 | 0.168 | 0.0449 | -0.0162 | 0.1966 |
| 1751 | 10.2 | 10.1 | 3.1878 | 2.1312 | -0.0048 | 5.3142 | 0.1522 | 0.0794 | -0.0189 | 0.2127 |
| 1752 | 10 | 10.1 | 3.1868 | 2.132 | -0.0051 | 5.3137 | 0.1437 | 0.0941 | -0.0222 | 0.2155 |
| 1753 | 9.98 | 10.1 | 3.189 | 2.1294 | -0.0051 | 5.3133 | 0.1448 | 0.0849 | -0.0225 | 0.2071 |
| 1754 | 9.87 | 10.1 | 3.1891 | 2.1288 | -0.0051 | 5.3129 | 0.1518 | 0.0759 | -0.0236 | 0.2042 |
| 1755 | 9.66 | 10.1 | 3.1866 | 2.1295 | -0.0052 | 5.311 | 0.1403 | 0.0899 | -0.0232 | 0.207 |
| 1756 | 9.81 | 9.97 | 3.185 | 2.1299 | -0.005 | 5.3099 | 0.137 | 0.0835 | -0.0245 | 0.1959 |
| 1757 | 9.75 | 9.85 | 3.183 | 2.1299 | -0.0049 | 5.308 | 0.1455 | 0.0683 | -0.0263 | 0.1875 |
| 1758 | 9.62 | 9.83 | 3.1841 | 2.1289 | -0.0049 | 5.3081 | 0.1668 | 0.0503 | -0.0284 | 0.1887 |
| 1759 | 10.1 | 9.79 | 3.1846 | 2.1289 | -0.0048 | 5.3087 | 0.176 | 0.0389 | -0.0288 | 0.186 |
| 1760 | 10 | 9.73 | 3.1834 | 2.1284 | -0.0046 | 5.3072 | 0.1695 | 0.0382 | -0.028 | 0.1798 |
| 1761 | 10.5 | 9.66 | 3.1832 | 2.1288 | -0.0048 | 5.3073 | 0.1498 | 0.051 | -0.0278 | 0.173 |
| 1762 | 9.83 | 9.63 | 3.1838 | 2.1287 | -0.0047 | 5.3078 | 0.1369 | 0.0571 | -0.0265 | 0.1675 |
| 1763 | 9.8 | 9.59 | 3.1845 | 2.1277 | -0.0052 | 5.307 | 0.1448 | 0.0458 | -0.0279 | 0.1626 |
| 1764 | 9.83 | 9.55 | 3.1847 | 2.1262 | -0.0053 | 5.3056 | 0.1572 | 0.0226 | -0.0249 | 0.1549 |
| 1765 | 9.49 | 9.54 | 3.1849 | 2.1249 | -0.0049 | 5.3049 | 0.1777 | 0.0263 | -0.0244 | 0.1796 |
| 1766 | 8.8 | 9.51 | 3.1853 | 2.1243 | -0.0044 | 5.3052 | 0.1815 | 0.0262 | -0.0259 | 0.1818 |
| 1767 | 9.43 | 9.5 | 3.1861 | 2.1243 | -0.0041 | 5.3062 | 0.1985 | 0.0018 | -0.0236 | 0.1768 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1768 | 9.17 | 9.48 | 3.1871 | 2.1243 | -0.004 | 5.3075 | 0.1909 | 0.0085 | -0.0203 | 0.1791 |
| 1769 | 8.86 | 9.44 | 3.1882 | 2.125 | -0.0037 | 5.3094 | 0.1874 | 0.0149 | -0.0187 | 0.1836 |
| 1770 | 8.93 | 9.38 | 3.1884 | 2.1255 | -0.0042 | 5.3096 | 0.1991 | 0.0127 | -0.0164 | 0.1955 |
| 1771 | 9.47 | 9.31 | 3.189 | 2.1253 | -0.0046 | 5.3097 | 0.222 | 0.0065 | -0.0179 | 0.2106 |
| 1772 | 9.16 | 9.28 | 3.1893 | 2.1247 | -0.0042 | 5.3098 | 0.2283 | -0.0009 | -0.0163 | 0.2111 |
| 1773 | 9.25 | 9.25 | 3.1882 | 2.1253 | -0.0041 | 5.3094 | 0.2285 | -0.0055 | -0.0109 | 0.2122 |
| 1774 | 9.38 | 9.23 | 3.1875 | 2.1254 | -0.0045 | 5.3085 | 0.2317 | -0.0042 | -0.0076 | 0.2199 |
| 1775 | 9.29 | 9.23 | 3.1875 | 2.125 | -0.0048 | 5.3076 | 0.2235 | 0.0113 | -0.0057 | 0.2291 |
| 1776 | 9.44 | 9.25 | 3.1861 | 2.125 | -0.005 | 5.3062 | 0.2224 | 0.0312 | -0.0053 | 0.2483 |
| 1777 | 9.34 | 9.26 | 3.1846 | 2.1255 | -0.0054 | 5.3047 | 0.2253 | 0.0376 | -0.0107 | 0.2521 |
| 1778 | 9.26 | 9.29 | 3.1838 | 2.1241 | -0.0042 | 5.3036 | 0.2372 | 0.034 | -0.0147 | 0.2564 |
| 1779 | 8.91 | 9.33 | 3.1836 | 2.1219 | -0.003 | 5.3025 | 0.2459 | 0.0362 | -0.0153 | 0.2668 |
| 1780 | 9.17 | 9.38 | 3.1812 | 2.1218 | -0.0031 | 5.3 | 0.2345 | 0.0397 | -0.01 | 0.2642 |
| 1781 | 9.39 | 9.41 | 3.1791 | 2.123 | -0.0031 | 5.299 | 0.2076 | 0.0461 | -0.0129 | 0.2408 |
| 1782 | 9.18 | 9.47 | 3.1791 | 2.1229 | -0.0029 | 5.299 | 0.2087 | 0.0505 | -0.0129 | 0.2462 |
| 1783 | 9.38 | 9.51 | 3.1776 | 2.1234 | -0.0029 | 5.2981 | 0.1837 | 0.0703 | -0.0126 | 0.2414 |
| 1784 | 9.56 | 9.55 | 3.1753 | 2.1249 | -0.0029 | 5.2973 | 0.1691 | 0.0773 | -0.0172 | 0.2291 |
| 1785 | 9.14 | 9.62 | 3.1728 | 2.1258 | -0.0028 | 5.2958 | 0.131 | 0.0836 | -0.0182 | 0.1965 |
| 1786 | 9.74 | 9.7 | 3.1741 | 2.1241 | -0.0028 | 5.2954 | 0.0876 | 0.1003 | -0.016 | 0.1719 |
| 1787 | 9.69 | 9.78 | 3.1737 | 2.1241 | -0.003 | 5.2948 | 0.0454 | 0.1331 | -0.018 | 0.1605 |
| 1788 | 9.67 | 9.85 | 3.1736 | 2.1242 | -0.0034 | 5.2944 | 0.0135 | 0.1365 | -0.0226 | 0.1274 |
| 1789 | 9.82 | 9.91 | 3.1755 | 2.1249 | -0.0029 | 5.2974 | 0.0053 | 0.1277 | -0.0278 | 0.1051 |
| 1790 | 10 | 9.96 | 3.1781 | 2.1248 | -0.0025 | 5.3003 | 0.0297 | 0.1122 | -0.026 | 0.1158 |
| 1791 | 10.4 | 10 | 3.1792 | 2.1245 | -0.0023 | 5.3014 | 0.0599 | 0.1035 | -0.0276 | 0.1358 |
| 1792 | 10 | 10.1 | 3.1779 | 2.127 | -0.0025 | 5.3024 | 0.0796 | 0.0821 | -0.0201 | 0.1415 |
| 1793 | 10.2 | 10.2 | 3.1786 | 2.1274 | -0.0025 | 5.3034 | 0.1184 | 0.0525 | -0.0094 | 0.1615 |
| 1794 | 10.5 | 10.3 | 3.1815 | 2.1261 | -0.0025 | 5.3052 | 0.1112 | 0.0668 | -0.0122 | 0.1658 |
| 1795 | 10.9 | 10.4 | 3.1815 | 2.1265 | -0.0026 | 5.3055 | 0.1156 | 0.0787 | -0.0091 | 0.1852 |
| 1796 | 10.9 | 10.5 | 3.1801 | 2.1281 | -0.0027 | 5.3055 | 0.1335 | 0.0757 | -0.0132 | 0.1959 |
| 1797 | 10.5 | 10.6 | 3.179 | 2.1286 | -0.0027 | 5.3049 | 0.1415 | 0.0815 | -0.0167 | 0.2064 |
| 1798 | 10.1 | 10.5 | 3.1783 | 2.1275 | -0.0029 | 5.3029 | 0.1714 | 0.0775 | -0.019 | 0.23 |
| 1799 | 10.2 | 10.3 | 3.1762 | 2.1276 | -0.003 | 5.3009 | 0.2076 | 0.0671 | -0.0256 | 0.249 |
| 1800 | 10.7 | 10.7 | 3.1762 | 2.1269 | -0.003 | 5.3001 | 0.2197 | 0.0616 | -0.0259 | 0.2554 |