

| id | predicted_price |
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| 2.59E+09 | 2.470502 |
| 7.97E+09 | 3.521257 |
| 7.7E+09 | 4.406332 |
| 9.52E+09 | 5.530267 |
| 9.51E+09 | 2.893447 |
| 1.76E+09 | 2.027091 |
| 7.73E+09 | 3.263204 |
| 7.01E+09 | 2.06713 |
| 2.91E+08 | 1.715625 |
| 4.23E+09 | 1.066427 |
| 6.84E+09 | 2.100103 |
| 3.97E+09 | 2.31604 |
| 4.2E+09 | 1.717342 |
| 6.06E+09 | 2.272691 |
| 2.63E+09 | 1.24645 |
| 3.3E+09 | 4.955331 |
| 8.62E+08 | 1.562099 |
| 2.39E+09 | 5.189029 |
| 1.14E+09 | 1.66342 |
| 1.78E+09 | 2.244038 |
| 2.29E+09 | 2.280554 |
| 2.03E+09 | 6.860448 |
| 3.53E+09 | 3.01591 |
| 9.32E+09 | 3.284391 |
| 8.08E+09 | 1.691121 |
| 8.65E+09 | 2.314176 |
| 9.41E+09 | 1.044106 |
| 1.77E+09 | 0.444326 |
| 9.43E+09 | 2.916578 |
| 1.79E+09 | 1.132775 |
| 2.22E+09 | 1.466616 |
| 9.23E+08 | 2.552665 |
| 5.73E+09 | 2.205271 |
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| 1.93E+09 | 1.498578 |
| 6.67E+09 | 2.774844 |
| 3.63E+09 | 4.696708 |
| 1.82E+09 | 3.1331 |
| 6.68E+09 | 1.317983 |
| 2.49E+08 | 5.197046 |
| 2.26E+08 | 2.702646 |
| 3.96E+08 | 0.837948 |
| 9.26E+09 | 2.975148 |
| 7.85E+09 | 2.112858 |
| 9.47E+09 | 1.096622 |
| 4.21E+08 | 1.580714 |

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| 3.76E+09 | 1.94479 |
| 7.96E+09 | 1.834412 |
| 9.48E+09 | 1.88841 |
| 9.14E+09 | 2.679406 |
| 1.62E+09 | 1.85354 |
| 2.77E+09 | 1.850311 |
| 1.16E+09 | 2.431115 |
| 2.77E+09 | 1.875497 |
| 9.3E+09 | 1.476055 |
| 2.33E+09 | 5.710958 |
| 1.02E+09 | 2.212607 |
| 7.22E+09 | 3.801992 |
| 1.85E+09 | 1.866743 |
| 3.22E+09 | 3.28462 |
| 3.22E+09 | 2.7082 |
| 2.11E+09 | 1.32588 |
| 7.89E+09 | 1.502922 |
| 3.59E+09 | 2.601937 |
| 8.02E+09 | 1.758783 |
| 7.12E+09 | 1.022693 |
| 1.6E+09 | 3.620492 |
| 7.2E+09 | 3.761264 |
| 4.21E+09 | 1.247896 |
| 2.94E+09 | 4.315725 |
| 7.21E+09 | 2.320535 |
| 8.72E+09 | 1.782267 |
| 5.32E+09 | 1.910284 |
| 4.12E+09 | 2.70434 |
| 8.08E+09 | 2.157366 |
| 3.3E+09 | 4.128566 |
| 8.92E+09 | 4.235515 |
| 2.78E+09 | 1.421522 |
| 5.19E+08 | 1.913517 |
| 3.23E+09 | 7.041456 |
| 1.51E+08 | 2.603015 |
| 2.3E+09 | 1.965024 |
| 6.62E+09 | 3.454812 |
| 1.05E+08 | 1.638766 |
| 3.53E+09 | 3.047842 |
| 3.35E+09 | 3.811443 |
| 1.23E+09 | 2.341584 |
| 8.71E+09 | 2.469377 |
| 3.04E+09 | 1.383661 |
| 3.63E+09 | 1.405332 |
| 1.05E+08 | 1.752491 |
| 5.11E+09 | 2.433438 |
| 6.07E+09 | 2.771783 |

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| 5.32E+09 | 2.330975 |
| 9.53E+09 | 1.888435 |
| 2.92E+09 | 1.534295 |
| 6.18E+09 | 2.180068 |
| 1.85E+08 | 2.03462 |
| 8.69E+09 | 3.926353 |
| 3.35E+09 | 2.991046 |
| 6.15E+09 | 1.438269 |
| 4.34E+09 | 3.366815 |
| 4.14E+09 | 4.133306 |
| 3.63E+09 | 1.972343 |
| 1.62E+09 | 5.555708 |
| 2.79E+09 | 1.987811 |
| 9.83E+09 | 1.165383 |
| 7.52E+09 | 2.407428 |
| 3.53E+09 | 3.051261 |
| 5.7E+09 | 5.782524 |
| 2.72E+09 | 1.414591 |
| 7.23E+09 | 1.503242 |
| 2.4E+09 | 1.655476 |
| 6.79E+09 | 3.01451 |
| 2.77E+09 | 1.731438 |
| 3.97E+09 | 1.485683 |
| 4.22E+08 | 1.501044 |
| 3.08E+09 | 0.740639 |
| 1.42E+09 | 2.266442 |
| 9.16E+09 | 1.389208 |
| 3.13E+09 | 2.309441 |
| 5.1E+09 | 1.28073 |
| 5.15E+08 | 1.24292 |
| 1.42E+09 | 1.041122 |
| 1.4E+09 | 2.509606 |
| 6.24E+08 | 4.082395 |
| 2.41E+09 | 1.339686 |
| 1.89E+09 | 2.764741 |
| 1.32E+09 | 2.404352 |
| 5.49E+09 | 2.046491 |
| 2.63E+08 | 1.604841 |
| 3.73E+09 | 2.536818 |
| 5.15E+09 | 2.985351 |
| 2.73E+09 | 4.290006 |
| 7.17E+09 | 1.660558 |
| 9.43E+09 | 2.924064 |
| 8.72E+09 | 1.492076 |
| 1.76E+09 | 2.182885 |
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| 4.08E+09 | 2.505578 |
| 2.73E+09 | 3.321149 |
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| 7.02E+09 | 2.526681 |
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| 3.28E+09 | 1.994434 |
| 2.47E+09 | 2.802718 |
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| 7.79E+09 | 3.891341 |
| 6.87E+09 | 2.693574 |
| 6.24E+08 | 3.476352 |
| 7.43E+09 | 3.626855 |
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| 1.12E+09 | 4.057569 |
| 6.45E+09 | 3.372417 |
| 3.33E+08 | 2.714309 |
| 34001765 | 2.66313 |
| 8.95E+09 | 3.208776 |
| 5.56E+09 | 4.375595 |
| 6.67E+09 | 1.514797 |
| 3.28E+09 | 2.993047 |
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| 8.56E+09 | 1.424004 |
| 7.66E+09 | 1.537862 |
| 2.13E+09 | 1.589975 |
| 1.82E+09 | 0.951444 |
| 3.44E+09 | 1.064505 |
| 9.3E+09 | 2.541126 |
| 7.14E+09 | 2.910096 |
| 7.94E+09 | 2.80894 |
| 2.56E+09 | 1.804701 |
| 2.89E+09 | 1.971812 |
| 7.42E+09 | 3.243638 |
| 2.24E+09 | 1.796657 |
| 9.28E+09 | 2.022276 |
| 9.41E+09 | 1.196082 |
| 2.18E+08 | 4.253315 |
| 7.21E+09 | 1.785256 |
| 3.3E+09 | 1.100561 |
| 3.06E+09 | 1.174478 |
| 6.87E+09 | 1.400742 |
| 6.07E+09 | 2.144174 |
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| 1.24E+09 | 4.16694 |
| 7.8E+09 | 3.416671 |
| 3.6E+09 | 0.838113 |

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| 9.3E+09 | 2.413943 |
| 9.13E+09 | 2.592351 |
| 2.77E+09 | 2.082098 |
| 2.6E+09 | 1.648992 |
| 1.1E+09 | 3.835883 |
| 1.85E+09 | 4.514974 |
| 9.55E+09 | 3.06791 |
| 3.44E+09 | 1.017282 |
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| 9.27E+09 | 2.364092 |
| 7.15E+08 | 7.152151 |
| 1.98E+09 | 2.883062 |
| 9.53E+09 | 1.914347 |
| 9.28E+09 | 1.61288 |
| 6.67E+09 | 2.482656 |
| 8.92E+09 | 2.864672 |
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| 8.15E+09 | 1.756662 |
| 8.56E+09 | 2.974004 |
| 2.4E+08 | 4.877189 |
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| 3.57E+09 | 2.692384 |
| 7.85E+09 | 2.6265 |
| 3.2E+08 | 1.809559 |
| 9.84E+09 | 2.040027 |
| 7.01E+09 | 1.470737 |
| 2.78E+09 | 1.87804 |
| 3.42E+09 | 3.982826 |
| 7.85E+09 | 3.110921 |
| 5.32E+09 | 6.469003 |
| 5.31E+09 | 1.67942 |
| 6.29E+08 | 1.777848 |
| 5.12E+08 | 2.1417 |
| 1.56E+09 | 1.937481 |
| 2.49E+09 | 2.252548 |
| 5.24E+08 | 2.075069 |
| 5.32E+09 | 2.629901 |
| 1.87E+09 | 3.202525 |
| 1.61E+09 | 2.997564 |
| 7.06E+08 | 2.804937 |
| 7.58E+09 | 1.835702 |
| 1.78E+09 | 2.345757 |
| 5.42E+09 | 1.128869 |

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2.73E+09 1.797875
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3.63E+09 1.32315
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5.68E+09 2.030578
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9.48E+09 1.68572
5.71E+09 3.297927
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1.95E+09 1.403557
1.1E+09 2.766994
5.32E+09 1.911469
1.22E+09 2.883593
5.22E+08 1.63663

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|----------|----------|
| 1.93E+09 | 1.985379 |
| 9.54E+09 | 2.271193 |
| 8.67E+09 | 1.736736 |
| 5.59E+09 | 2.032957 |
| 5.45E+09 | 1.871473 |
| 2.46E+09 | 2.602678 |
| 3.33E+09 | 2.127101 |
| 3.43E+09 | 2.5682 |
| 3.7E+09 | 0.481059 |
| 5.25E+09 | 2.365533 |
| 6.26E+08 | 3.07807 |
| 1.79E+09 | 1.350243 |
| 8.08E+09 | 1.371532 |
| 9.11E+09 | 2.740678 |
| 2.74E+09 | 3.893228 |
| 7.82E+09 | 1.06771 |
| 3.53E+09 | 1.537271 |
| 3.58E+09 | 2.027747 |
| 9.28E+09 | 3.178487 |
| 7.2E+09 | 2.608896 |
| 6.86E+08 | 2.208511 |
| 3.5E+09 | 1.164141 |
| 6.38E+09 | 1.97835 |
| 7.6E+09 | 1.616545 |
| 5.25E+09 | 4.039491 |
| 2.61E+09 | 2.640311 |
| 9.56E+09 | 2.164741 |
| 1.8E+09 | 1.793942 |
| 4.08E+09 | 1.550965 |
| 8.54E+08 | 1.629682 |
| 5.54E+09 | 1.503473 |
| 4.19E+09 | 3.885965 |
| 31000165 | 4.408369 |
| 6.62E+08 | 4.10441 |
| 4.14E+09 | 1.889913 |
| 6.17E+09 | 2.957565 |
| 1.95E+09 | 2.014116 |
| 7.52E+09 | 3.258748 |
| 1.55E+09 | 1.686051 |
| 7.96E+09 | 2.432125 |
| 9.21E+09 | 2.119 |
| 3.44E+09 | 1.262589 |
| 7.9E+09 | 0.789008 |
| 4.32E+09 | 1.952665 |
| 1.33E+09 | 3.047519 |
| 8.94E+09 | 3.444156 |
| 5.02E+09 | 0.852704 |

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| 4.34E+09 | 1.838748 |
| 1.45E+09 | 0.99227 |
| 7.14E+09 | 2.969301 |
| 6.89E+09 | 1.283239 |
| 2.41E+09 | 2.439512 |
| 3.46E+08 | 1.189693 |
| 5.57E+09 | 1.609888 |
| 7.63E+09 | 2.12267 |
| 9.35E+09 | 2.476646 |
| 3.53E+09 | 2.137737 |
| 8.13E+09 | 5.572527 |
| 8.57E+09 | 0.857191 |
| 4.14E+09 | 5.507371 |
| 9.27E+09 | 2.094054 |
| 1.47E+09 | 1.952348 |
| 8.82E+09 | 3.126005 |
| 8.56E+09 | 3.999543 |
| 8.97E+09 | 3.931003 |
| 9.27E+09 | 1.899909 |
| 8.17E+09 | 1.927393 |
| 2.19E+09 | 2.094604 |
| 1.86E+09 | 1.951434 |
| 1.22E+09 | 1.048849 |
| 2.49E+09 | 2.426448 |
| 2.49E+09 | 1.498343 |
| 8.09E+08 | 4.166994 |
| 1.8E+09 | 1.622073 |
| 6.4E+09 | 4.583442 |
| 6.81E+09 | 2.085486 |
| 7.5E+09 | 4.235679 |
| 8.84E+09 | 2.815954 |
| 5.24E+08 | 2.438475 |
| 4.31E+09 | 2.854032 |
| 1.25E+09 | 3.305396 |
| 2.02E+09 | 1.604536 |
| 5.7E+09 | 2.353818 |
| 3.63E+09 | 3.576984 |
| 3.34E+09 | 1.554631 |
| 5.1E+09 | 2.720537 |
| 3.28E+09 | 1.425897 |
| 1.13E+09 | 8.359807 |
| 7.57E+09 | 1.420929 |
| 4.52E+08 | 1.091618 |
| 9.28E+09 | 3.673028 |
| 1.74E+09 | 4.316324 |
| 6.19E+09 | 2.192825 |
| 3.68E+09 | 2.496566 |

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| 1.1E+09 | 1.421123 |
| 9.51E+09 | 1.370289 |
| 5.45E+09 | 2.549846 |
| 2.74E+08 | 1.725519 |
| 7.23E+09 | 1.402031 |
| 8.08E+08 | 3.025338 |
| 2.49E+09 | 2.144903 |
| 5.04E+09 | 2.516203 |
| 3.38E+09 | 1.98461 |
| 3.63E+09 | 1.76275 |
| 7.3E+09 | 2.105949 |
| 6.8E+09 | 1.439576 |
| 8.08E+09 | 2.658024 |
| 5.57E+09 | 1.943448 |
| 2.77E+09 | 1.501078 |
| 4.04E+09 | 1.776057 |
| 9.46E+09 | 3.044376 |
| 7.2E+09 | 2.986325 |
| 2.23E+09 | 1.03792 |
| 9.51E+09 | 3.756004 |
| 2.63E+09 | 1.168167 |
| 3.65E+09 | 2.018023 |
| 2.72E+09 | 4.60939 |
| 2.6E+09 | 3.4104 |
| 3.03E+09 | 1.736674 |
| 9.84E+08 | 2.162169 |
| 7.85E+09 | 2.200898 |
| 7.92E+09 | 2.992881 |
| 2.31E+09 | 1.737197 |
| 2.21E+09 | 2.025794 |
| 2.49E+09 | 1.697479 |
| 7.85E+09 | 3.739684 |
| 5.65E+09 | 2.767953 |
| 5.29E+09 | 1.857695 |
| 9.41E+09 | 2.668942 |
| 5.71E+09 | 1.873241 |
| 3.28E+09 | 2.082142 |
| 7.2E+09 | 2.325128 |
| 4.45E+09 | 2.367018 |
| 7.9E+09 | 0.975436 |
| 9.25E+09 | 1.694566 |
| 9.27E+09 | 2.739799 |
| 8.68E+09 | 1.835239 |
| 7.28E+09 | 3.178415 |
| 8.08E+09 | 2.427849 |
| 2.23E+09 | 1.947427 |
| 3.22E+09 | 2.374157 |

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4.06E+09 2.924985
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4.05E+09 3.113475
6.15E+09 1.001885
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6.71E+09 4.463876
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9.41E+09 2.708692
3.03E+09 5.208652
7.97E+09 3.322904
9.3E+08 2.910436
6.69E+09 1.571783
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8.08E+09 2.461413
7.23E+09 2.757074
8.82E+09 2.970525
7.97E+09 1.845994
1.22E+09 3.95128
5.13E+09 2.696258
3.44E+09 1.081252
2.82E+09 3.066135
1.66E+09 3.170965
3.86E+09 4.106002
1.63E+09 2.737199
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3.9E+09 2.281749
7.21E+09 3.017708
7.98E+09 1.936684
2.43E+09 3.531213

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|----------|----------|
| 2.2E+09 | 1.299344 |
| 1.52E+09 | 2.69003 |
| 2.31E+09 | 1.575027 |
| 4.12E+09 | 3.103358 |
| 2.13E+09 | 3.489978 |
| 1.23E+09 | 1.333002 |
| 6.43E+09 | 1.503076 |
| 2.47E+09 | 1.98975 |
| 5.69E+09 | 0.755204 |
| 2.88E+09 | 2.116348 |
| 6.84E+09 | 2.93411 |
| 2.34E+09 | 1.157169 |
| 3.88E+09 | 1.523782 |
| 6.26E+08 | 1.670187 |
| 3.37E+09 | 2.972131 |
| 7.23E+09 | 0.811615 |
| 4.02E+09 | 2.099207 |
| 4.23E+09 | 1.447358 |
| 3.55E+09 | 2.001855 |
| 8.13E+09 | 2.689641 |
| 3.44E+09 | 1.40199 |
| 1.77E+09 | 3.800844 |
| 8.15E+09 | 1.439005 |
| 3.05E+09 | 1.974515 |
| 7.95E+09 | 3.652808 |
| 3.76E+09 | 4.203392 |
| 1.32E+09 | 2.000141 |
| 1.33E+09 | 4.48907 |
| 7.3E+09 | 2.00444 |
| 2.46E+09 | 1.830105 |
| 6.16E+09 | 1.886088 |
| 8.96E+09 | 2.528606 |
| 2.31E+09 | 2.975992 |
| 9.53E+09 | 0.984191 |
| 4.18E+09 | 3.600076 |
| 8.86E+09 | 2.026936 |
| 1.83E+09 | 3.604839 |
| 3.07E+09 | 2.993521 |
| 6.24E+08 | 4.47393 |
| 4.04E+09 | 1.424122 |
| 5.02E+09 | 1.462984 |
| 2.48E+09 | 3.932983 |
| 7.2E+09 | 3.245427 |
| 5.1E+08 | 2.649165 |
| 9.43E+09 | 2.8464 |
| 1.57E+09 | 2.286629 |
| 9.83E+09 | 3.015815 |

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| 3.88E+09 | 2.643899 |
| 8.09E+09 | 1.167169 |
| 1.11E+09 | 1.281873 |
| 2.23E+09 | 1.148855 |
| 6.65E+09 | 2.438114 |
| 1.25E+09 | 2.158717 |
| 2.17E+09 | 1.61276 |
| 7.71E+09 | 2.219998 |
| 6.07E+09 | 2.284364 |
| 2.33E+09 | 1.838325 |
| 1.49E+09 | 2.13985 |
| 3.83E+09 | 2.105865 |
| 7.2E+09 | 4.487743 |
| 7.2E+09 | 2.060237 |
| 7.79E+09 | 1.762221 |
| 1.25E+09 | 1.561683 |
| 4.05E+09 | 4.847864 |
| 7.91E+09 | 1.694358 |
| 3.75E+09 | 1.380684 |
| 5.22E+09 | 0.923263 |
| 3.32E+09 | 2.105557 |
| 8.65E+09 | 4.418502 |
| 8.67E+09 | 1.950857 |
| 1.67E+09 | 4.558223 |
| 1.02E+09 | 2.824155 |
| 3.31E+09 | 2.836502 |
| 4.23E+09 | 2.373251 |
| 2.14E+09 | 1.035963 |
| 1.57E+09 | 4.05969 |
| 9.41E+09 | 3.541496 |
| 2.92E+09 | 2.238727 |
| 1.05E+09 | 3.974342 |
| 2.08E+09 | 2.917473 |
| 9.42E+09 | 1.171804 |
| 9.82E+09 | 2.664596 |
| 7.13E+09 | 1.310062 |
| 4.11E+09 | 2.975192 |
| 5.55E+09 | 3.705138 |
| 2.03E+09 | 1.855104 |
| 7.94E+09 | 1.1599 |
| 7.52E+09 | 1.840942 |
| 2.52E+09 | 2.380969 |
| 5.41E+09 | 1.636904 |
| 7.5E+09 | 3.881521 |
| 2.59E+09 | 0.985437 |
| 2.72E+09 | 1.403609 |
| 8.08E+09 | 2.391177 |

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| 1.42E+09 | 3.340272 |
| 8.86E+09 | 1.082236 |
| 7E+09 | 3.184259 |
| 4.22E+09 | 1.646064 |
| 7.97E+09 | 2.609309 |
| 2.01E+09 | 1.275285 |
| 6.62E+09 | 3.525426 |
| 2.88E+09 | 1.662641 |
| 1.2E+09 | 3.566215 |
| 1.33E+09 | 3.30356 |
| 6.66E+09 | 2.197286 |
| 1.23E+09 | 0.97276 |
| 9.24E+09 | 0.949436 |
| 9.41E+09 | 2.263845 |
| 9.52E+09 | 0.87411 |
| 2.15E+09 | 3.274051 |
| 7.23E+09 | 1.846586 |
| 9.48E+09 | 3.21244 |
| 9.3E+09 | 2.175371 |
| 5.19E+08 | 3.042199 |
| 7.84E+09 | 2.232889 |
| 6.06E+09 | 1.172555 |
| 2.35E+09 | 3.349031 |
| 3.51E+09 | 1.561904 |
| 1.43E+09 | 3.157113 |
| 1.62E+09 | 2.088124 |
| 3.02E+09 | 1.95879 |
| 7.85E+09 | 2.02261 |
| 7.73E+09 | 2.881403 |
| 1.45E+09 | 2.35144 |
| 2.95E+09 | 1.329154 |
| 4.25E+08 | 2.181164 |
| 3.88E+09 | 2.496633 |
| 1.76E+09 | 4.159549 |
| 1.93E+09 | 2.000017 |
| 7.44E+09 | 3.310979 |
| 7.82E+09 | 1.781435 |
| 4.03E+09 | 2.315357 |
| 2.83E+09 | 1.343831 |
| 5.43E+09 | 2.735582 |
| 1.28E+09 | 0.94093 |
| 9.23E+08 | 1.211072 |
| 7.66E+09 | 2.006234 |
| 3.02E+09 | 2.011935 |
| 3.28E+09 | 1.991644 |
| 7.3E+09 | 1.143384 |
| 3.91E+09 | 1.441753 |

8.84E+09 3.261936
4.05E+09 1.208329
3.9E+09 1.726077
6.16E+09 1.586356
7.94E+09 1.08928
4.37E+09 1.010632
4.23E+08 1.270072
3.99E+09 1.28844
7.18E+09 1.304379
2.54E+09 3.5745
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5.2E+09 2.844375
7.63E+09 6.865476
2.92E+09 2.377853
1.53E+09 3.32059
1.25E+09 2.554509
3.81E+09 2.299108
7.86E+09 3.149579
5.7E+09 4.140476
7.5E+09 2.809001
1.4E+09 1.82043
7.58E+09 1.848036
8.73E+09 3.075393
5.02E+09 3.415479
2.9E+08 1.436093
2.84E+09 3.234235
3.96E+09 4.161439
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1.31E+09 2.52482
7.77E+09 2.856391
4.12E+09 2.35391
2.73E+09 4.367853
6.66E+08 2.155752
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6.37E+09 1.240227
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3.96E+09 1.226312
7.7E+09 1.579601
1.69E+09 2.535674
5.1E+09 2.693704
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3.13E+09 5.671848
2.32E+09 3.057218
9.54E+09 2.388191

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| 8.68E+09 | 2.549362 |
| 1.56E+09 | 2.428243 |
| 3.4E+09 | 3.295945 |
| 7.35E+09 | 1.838616 |
| 5.22E+08 | 1.488106 |
| 8.7E+08 | 1.501151 |
| 8.11E+08 | 3.893251 |
| 1.22E+09 | 2.524087 |
| 1.52E+09 | 3.033241 |
| 2.03E+09 | 4.948009 |
| 9.22E+09 | 2.105027 |
| 8.68E+09 | 1.72196 |
| 2.62E+09 | 2.087544 |
| 3.76E+09 | 4.667884 |
| 5.24E+08 | 1.606653 |
| 3.12E+09 | 4.565401 |
| 5.58E+09 | 3.85852 |
| 8.09E+09 | 1.735597 |
| 4.07E+09 | 2.314151 |
| 3.3E+09 | 3.390771 |
| 9.24E+09 | 3.42908 |
| 2.74E+09 | 1.607265 |
| 6.81E+09 | 2.405554 |
| 6.14E+09 | 2.68662 |
| 2.2E+09 | 1.662713 |
| 2.6E+09 | 2.597615 |
| 4.34E+09 | 0.707019 |
| 1.19E+09 | 1.564286 |
| 1.97E+09 | 1.702528 |
| 1.11E+09 | 1.763289 |
| 2.89E+09 | 2.532894 |
| 4.04E+09 | 2.177928 |
| 5.22E+08 | 2.758436 |
| 4.2E+09 | 1.688985 |
| 7.52E+09 | 0.979654 |
| 7.71E+09 | 3.318052 |
| 4.32E+09 | 3.379609 |
| 8.62E+09 | 3.38062 |
| 5.1E+09 | 2.174665 |
| 2.35E+09 | 1.11446 |
| 3.82E+09 | 3.072059 |
| 6.15E+09 | 1.605216 |
| 5.45E+09 | 3.097726 |
| 6.41E+09 | 1.183816 |
| 2.13E+09 | 1.677746 |
| 1.46E+09 | 1.584609 |
| 50300090 | 3.541742 |

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| 2.33E+09 | 2.402587 |
| 7.71E+09 | 3.337964 |
| 3.63E+09 | 5.163576 |
| 1.73E+09 | 3.876973 |
| 8.69E+09 | 4.946928 |
| 2.31E+09 | 1.302347 |
| 5.56E+09 | 3.213697 |
| 7.01E+09 | 1.171694 |
| 7.88E+09 | 1.173064 |
| 1.28E+09 | 1.492112 |
| 4.04E+09 | 2.393281 |
| 3.35E+09 | 1.73398 |
| 2.14E+09 | 3.026256 |
| 2.55E+08 | 2.858112 |
| 1.02E+09 | 1.54415 |
| 4.04E+09 | 2.527464 |
| 9.28E+09 | 1.212998 |
| 1.97E+09 | 1.892374 |
| 8.47E+08 | 3.85777 |
| 4.04E+09 | 2.284272 |
| 6.82E+09 | 3.724778 |
| 2.51E+09 | 0.895459 |
| 2.56E+08 | 4.868112 |
| 6.82E+09 | 1.688441 |
| 8.7E+08 | 1.648826 |
| 1.78E+09 | 2.803229 |
| 6.6E+09 | 1.869305 |
| 7.2E+09 | 1.633149 |
| 1.68E+09 | 3.461427 |
| 2.63E+09 | 5.867494 |
| 7.63E+09 | 1.673046 |
| 3.39E+09 | 1.402629 |
| 1.9E+09 | 1.801989 |
| 6.9E+09 | 4.277437 |
| 5.57E+09 | 3.911556 |
| 9.86E+08 | 2.421694 |
| 3.29E+09 | 1.492673 |
| 3.76E+09 | 1.329152 |
| 2.29E+09 | 1.709924 |
| 4.22E+09 | 4.064172 |
| 4.24E+09 | 1.289538 |
| 7.21E+09 | 1.014739 |
| 7.7E+09 | 1.082041 |
| 7.22E+09 | 2.056831 |
| 3.2E+09 | 3.415416 |
| 4.32E+09 | 4.038127 |
| 2.57E+09 | 3.137052 |

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| 1.94E+09 | 1.462573 |
| 6.65E+09 | 2.332221 |
| 7.39E+09 | 3.85427 |
| 1.7E+09 | 0.939526 |
| 2.88E+09 | 2.856646 |
| 2.73E+09 | 3.377357 |
| 7.63E+09 | 1.389891 |
| 3.18E+08 | 4.773111 |
| 7.92E+09 | 2.265039 |
| 2.02E+09 | 1.034913 |
| 8.95E+09 | 2.4395 |
| 6.07E+09 | 2.3634 |
| 4.34E+09 | 2.044112 |
| 1.44E+09 | 2.783356 |
| 1.02E+09 | 3.771064 |
| 2.77E+09 | 2.044661 |
| 7.23E+09 | 2.618522 |
| 6.44E+08 | 3.119792 |
| 7.78E+09 | 2.495608 |
| 3.83E+09 | 2.035002 |
| 9.27E+09 | 1.233028 |
| 2.63E+08 | 1.834428 |
| 3.62E+09 | 3.797262 |
| 2.4E+08 | 3.925596 |
| 1.35E+09 | 1.730342 |
| 7.85E+09 | 1.365055 |
| 2.49E+09 | 3.246963 |
| 1.8E+09 | 1.508302 |
| 7.23E+09 | 1.557038 |
| 8.65E+09 | 2.520282 |
| 2.92E+09 | 2.625121 |
| 1.23E+09 | 1.573996 |
| 1.55E+09 | 2.126554 |
| 3.21E+09 | 0.991815 |
| 7.69E+09 | 1.115497 |
| 3.14E+09 | 1.641362 |
| 3.96E+09 | 2.488814 |
| 2.11E+09 | 1.056221 |
| 3.88E+09 | 1.56244 |
| 5.22E+08 | 3.500711 |
| 3.21E+09 | 1.449552 |
| 1.22E+09 | 2.509779 |
| 2.6E+08 | 1.378344 |
| 7.85E+08 | 1.543426 |
| 8.14E+09 | 2.211932 |
| 2.6E+09 | 1.633987 |
| 5.4E+08 | 3.938096 |

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| 3.07E+09 | 4.04175 |
| 5.36E+09 | 1.399389 |
| 8.68E+09 | 1.950655 |
| 3.22E+09 | 3.966749 |
| 3.21E+09 | 2.994991 |
| 9.27E+09 | 0.687415 |
| 2.94E+08 | 2.824575 |
| 4.2E+09 | 2.047937 |
| 3.03E+09 | 1.570215 |
| 5.33E+09 | 2.884316 |
| 2.47E+09 | 1.97947 |
| 9.27E+09 | 2.242913 |
| 8.12E+09 | 3.280361 |
| 3.22E+09 | 2.557827 |
| 2.49E+09 | 2.56286 |
| 4.06E+09 | 4.631183 |
| 1.93E+09 | 3.937339 |
| 2.53E+09 | 3.361425 |
| 3.34E+09 | 1.547229 |
| 5.7E+09 | 4.224115 |
| 2.02E+09 | 3.194253 |
| 4.06E+09 | 4.63117 |
| 3.33E+09 | 2.275763 |
| 2.94E+09 | 2.587896 |
| 1.98E+09 | 1.735598 |
| 8.93E+09 | 2.390296 |
| 8.12E+09 | 0.881228 |
| 7.53E+09 | 3.770435 |
| 9.33E+09 | 2.566034 |
| 3.88E+09 | 1.33318 |
| 5.42E+09 | 2.559655 |
| 9.23E+09 | 0.870531 |
| 6.41E+09 | 2.093694 |
| 3.01E+09 | 2.461788 |
| 7.95E+09 | 2.963659 |
| 1.08E+09 | 2.0814 |
| 2.88E+09 | 1.967575 |
| 2.2E+09 | 1.260482 |
| 7.98E+09 | 1.659859 |
| 9.56E+09 | 3.337993 |
| 7.81E+09 | 1.319858 |
| 8.94E+09 | 3.191325 |
| 2.31E+09 | 1.841654 |
| 8.65E+09 | 2.441739 |
| 7.89E+09 | 1.459499 |
| 2.04E+09 | 1.230834 |
| 8.71E+08 | 2.028304 |

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| 2.77E+09 | 1.626713 |
| 3.63E+09 | 3.801736 |
| 2.77E+09 | 1.619093 |
| 2.47E+09 | 2.751166 |
| 5.42E+09 | 1.80114 |
| 3.76E+09 | 1.389391 |
| 8.65E+09 | 2.966159 |
| 7.2E+09 | 4.80834 |
| 8.96E+09 | 3.831836 |
| 3.3E+09 | 2.049018 |
| 7.98E+08 | 2.109466 |
| 1.7E+09 | 2.763988 |
| 1.6E+09 | 3.213582 |
| 4.14E+09 | 2.71342 |
| 8.84E+09 | 5.326582 |
| 8.67E+09 | 2.077474 |
| 9.26E+09 | 2.148852 |
| 1.85E+09 | 3.964048 |
| 5.56E+09 | 2.359157 |
| 9.52E+09 | 2.701906 |
| 4.04E+09 | 1.690223 |
| 7.42E+09 | 2.057815 |
| 2.62E+09 | 0.953577 |
| 7.92E+09 | 3.440938 |
| 5.58E+08 | 3.071143 |
| 2.57E+08 | 2.394176 |
| 3.32E+09 | 1.767534 |
| 9.3E+09 | 0.936867 |
| 3.58E+09 | 1.503023 |
| 1.32E+09 | 1.09339 |
| 7.23E+09 | 1.75452 |
| 9.41E+09 | 1.506892 |
| 2.13E+09 | 1.28428 |
| 2.31E+09 | 1.79429 |
| 4.05E+09 | 1.854446 |
| 1.19E+09 | 4.226369 |
| 1.49E+09 | 1.737256 |
| 3.01E+09 | 1.519887 |
| 3.63E+09 | 2.449555 |
| 1.05E+09 | 1.479817 |
| 9.32E+09 | 1.020591 |
| 4.32E+09 | 1.473603 |
| 2.59E+09 | 0.868135 |
| 3.23E+08 | 3.17011 |
| 6.6E+09 | 1.086851 |
| 2.92E+09 | 1.438981 |
| 7.2E+09 | 4.592382 |

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| 8.93E+09 | 3.181646 |
| 3.21E+09 | 2.586693 |
| 4.03E+09 | 2.803716 |
| 1.6E+09 | 1.765141 |
| 7.85E+09 | 5.540529 |
| 3.63E+09 | 3.33447 |
| 7.2E+09 | 4.013227 |
| 9.54E+09 | 1.554113 |
| 8.04E+09 | 3.714404 |
| 1.24E+09 | 3.719682 |
| 2.51E+08 | 2.536448 |
| 8.95E+09 | 1.27577 |
| 2.16E+09 | 3.532514 |
| 5.47E+09 | 1.370022 |
| 1.24E+09 | 3.380521 |
| 5.21E+09 | 3.034763 |
| 1.72E+09 | 1.356734 |
| 7.28E+09 | 3.030914 |
| 2.1E+09 | 2.431621 |
| 7.85E+09 | 3.034562 |
| 1.43E+09 | 2.112028 |
| 9.53E+09 | 2.400008 |
| 8.64E+09 | 3.993249 |
| 7.92E+09 | 2.217161 |
| 2.54E+08 | 3.395738 |
| 1.93E+09 | 1.449037 |
| 7.01E+09 | 1.116991 |
| 4.22E+08 | 1.645409 |
| 4.22E+08 | 2.788356 |
| 2.92E+09 | 2.801896 |
| 9.3E+08 | 2.512655 |
| 2.46E+09 | 2.250385 |
| 2.61E+09 | 1.106656 |
| 2.9E+09 | 1.794299 |
| 7.7E+09 | 1.688992 |
| 2.46E+09 | 1.754141 |
| 9.83E+09 | 2.833881 |
| 1.01E+09 | 1.35887 |
| 7.2E+09 | 2.577553 |
| 8.66E+08 | 2.949689 |
| 3.05E+08 | 2.887079 |
| 2.26E+09 | 4.351492 |
| 3.44E+09 | 2.739649 |
| 5.25E+09 | 2.850093 |
| 7.58E+09 | 2.75618 |
| 5.47E+09 | 3.989038 |
| 5.1E+09 | 4.495147 |

7.23E+08 2.270255
6.22E+08 8.013028
2.52E+09 2.506596
8.16E+09 1.786027
5.56E+09 2.224055
3.32E+09 1.140562
4.36E+09 1.827746
8.73E+09 2.724263
5.6E+09 2.679975
3.59E+09 4.087568
4E+09 0.762152
8.73E+09 1.70742
3.81E+09 2.298312
5.7E+09 6.735948
6.33E+09 1.867241
9.29E+09 2.024508
9.47E+09 2.656556
9.29E+09 3.031125
7.3E+09 2.907861
5.26E+08 5.49032
1.45E+09 5.406404
3.9E+09 2.186569
2.63E+09 1.403003
8.65E+09 2.287736
7.61E+09 2.847787
1.92E+09 2.682008
6.63E+09 1.146392
3.97E+09 1.675527
5.15E+09 1.990763
7.02E+09 2.906017
8.71E+08 2.797003
9.58E+09 2.840843
2.33E+09 3.11605
7.66E+08 2.629995
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7.1E+09 1.605358
2.78E+09 1.309598
2.78E+09 2.973945
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7.15E+09 1.961372
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9.54E+09 1.898962
5.15E+09 1.884704
9.41E+09 2.043685
6.6E+09 1.086499
6.98E+09 3.463268

5.64E+09 1.686677
1.73E+09 2.812585
5.56E+09 2.232809
9.58E+09 3.15785
7.3E+09 1.319045
1.22E+09 4.899713
7.21E+08 2.185265
8.69E+09 4.497137
1.52E+09 2.386859
3.19E+09 2.42461
6.61E+09 1.599385
2.89E+09 2.189766
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5.41E+09 1.7908
4.25E+08 2.473045
6.71E+09 1.637655
2.77E+09 1.147256
7.79E+09 1.057398
9.21E+09 1.922666
3.75E+09 1.189601
7.92E+09 2.378603
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2.22E+09 2.978658
9.55E+09 4.019483
2.77E+09 1.507608
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1.65E+09 4.893627
8.56E+09 2.163732
3.63E+09 2.805083
3.94E+09 2.810323
4.17E+09 2.206522
2.43E+09 5.788894
9.83E+09 0.784877
3.58E+09 1.420532
8.1E+09 2.393334
2.13E+09 4.097982
3.04E+08 1.238169
8.15E+09 4.557518
6.87E+08 2.600145
2.92E+09 2.35459
9.55E+09 3.828864
2.12E+09 5.396511
1.15E+09 2.307559
5.71E+09 1.054191

9.27E+09 1.651393
4.08E+09 1.10613
6.15E+09 1.205735
2.52E+09 1.197654
9.83E+09 1.546745
1.66E+09 1.933019
7.47E+09 2.071398
9.83E+09 0.768291
1.78E+09 2.020729
6.14E+09 2.65972
7.21E+09 1.547
5.33E+09 1.61229
9.51E+09 3.870952
2.54E+09 1.874835
3.39E+09 1.647388
1.33E+09 2.154601
2.13E+09 3.743259
8.59E+08 1.952428
8.85E+09 3.507966
1.21E+08 1.380401
7.98E+09 1.97485
3.86E+09 7.622884
8.82E+09 2.809472
7.06E+08 2.526184
6.6E+09 3.797672
6.38E+09 1.72653
8.14E+09 2.348234
2.88E+09 2.436006
3.53E+09 2.253346
2.12E+09 1.689247
3.02E+09 3.546142
2.14E+09 2.481483
5.46E+08 2.000987
2.07E+09 2.342357
7.97E+09 1.69415
7.02E+09 2.734561
6.2E+09 2.161109
1.55E+09 3.427364
88000173 3.234374
2.58E+09 3.070602
9.21E+09 1.970387
6.21E+08 3.111696
1.32E+09 2.309501
7.98E+08 2.360503
4.21E+08 1.986368
2.82E+09 3.339156
3.83E+09 2.903473

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|----------|----------|
| 1.24E+09 | 3.311406 |
| 8.8E+09 | 1.80609 |
| 3.17E+09 | 2.942891 |
| 3.68E+09 | 3.381391 |
| 5.47E+09 | 1.9554 |
| 1.25E+09 | 2.716253 |
| 9.55E+09 | 2.041225 |
| 7.97E+09 | 2.19641 |
| 7.55E+09 | 1.720498 |
| 1.1E+09 | 4.667659 |
| 1.4E+09 | 2.550782 |
| 7.64E+09 | 5.182985 |
| 2.12E+09 | 1.678354 |
| 8.65E+09 | 1.225527 |
| 3.9E+09 | 1.436862 |
| 8.82E+09 | 2.224167 |
| 3.3E+09 | 3.561904 |
| 5.43E+09 | 3.29642 |
| 1.78E+09 | 1.244628 |
| 6.2E+09 | 2.833274 |
| 4E+09 | 0.970028 |
| 7.96E+09 | 1.497004 |
| 1.44E+09 | 3.162767 |
| 8.83E+09 | 4.977941 |
| 7.28E+09 | 1.891774 |
| 4.4E+09 | 1.161708 |
| 7.5E+09 | 3.43342 |
| 3.22E+08 | 1.082915 |
| 3.65E+09 | 1.890934 |
| 2.77E+09 | 1.78203 |
| 3.28E+09 | 1.668867 |
| 3.24E+09 | 1.539897 |
| 3.41E+09 | 1.991869 |
| 6.29E+08 | 3.79383 |
| 3.35E+09 | 0.822084 |
| 4.36E+09 | 1.43714 |
| 7.24E+09 | 5.233453 |
| 9.81E+09 | 4.179716 |
| 8.07E+09 | 1.539892 |
| 3.46E+09 | 3.566877 |
| 6.31E+09 | 3.815271 |
| 8.56E+09 | 3.437984 |
| 5.38E+09 | 1.373027 |
| 9.83E+09 | 1.513424 |
| 8.13E+09 | 1.097418 |
| 7.94E+09 | 0.82362 |
| 9.55E+09 | 2.23113 |

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| 4.11E+09 | 2.965068 |
| 7.28E+08 | 1.671937 |
| 1.14E+08 | 1.336017 |
| 9.27E+09 | 2.893102 |
| 1.19E+09 | 2.564296 |
| 3.04E+09 | 2.15026 |
| 7.85E+09 | 3.791707 |
| 2.62E+09 | 3.422582 |
| 4.14E+09 | 2.307941 |
| 7.58E+09 | 2.478169 |
| 1.14E+09 | 1.068304 |
| 3.97E+09 | 1.172328 |
| 8.98E+08 | 1.340799 |
| 5.15E+09 | 2.487013 |
| 5.1E+09 | 4.016422 |
| 4.41E+09 | 1.019602 |
| 9.27E+09 | 1.850974 |
| 8.68E+09 | 1.614877 |
| 6.93E+09 | 2.61933 |
| 4.14E+09 | 3.716852 |
| 6.84E+09 | 1.33208 |
| 2.15E+09 | 6.001142 |
| 4.39E+09 | 3.524316 |
| 2.43E+09 | 2.673374 |
| 2.87E+09 | 4.707714 |
| 9.51E+09 | 2.290284 |
| 1.77E+09 | 1.479591 |
| 8.69E+09 | 1.933741 |
| 3.63E+09 | 4.512849 |
| 1.6E+09 | 1.298683 |
| 3.3E+09 | 1.800697 |
| 9.25E+09 | 2.534704 |
| 7.02E+09 | 2.139911 |
| 1.31E+09 | 2.214877 |
| 2.47E+09 | 2.479397 |
| 1.98E+09 | 1.836173 |
| 1.86E+09 | 2.742667 |
| 2.59E+09 | 1.374151 |
| 9.53E+09 | 1.521254 |
| 5.49E+09 | 2.088468 |
| 6.67E+09 | 2.869359 |
| 1.79E+08 | 1.349476 |
| 1.86E+09 | 2.421537 |
| 1.59E+09 | 2.713832 |
| 3.91E+09 | 2.324894 |
| 9.32E+09 | 2.135018 |
| 9.28E+09 | 1.187444 |

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| 2.24E+08 | 2.972453 |
| 2.26E+09 | 2.731524 |
| 5.1E+09 | 1.692768 |
| 3.43E+09 | 1.785677 |
| 2.6E+09 | 2.884225 |
| 8.86E+09 | 1.471686 |
| 2.49E+09 | 1.594817 |
| 7.86E+09 | 4.149427 |
| 6.81E+09 | 2.004916 |
| 2.77E+09 | 1.668088 |
| 1.37E+09 | 5.397859 |
| 2.73E+09 | 2.334112 |
| 1.23E+09 | 2.991741 |
| 1.07E+09 | 8.657208 |
| 9.53E+09 | 1.550805 |
| 5.13E+09 | 3.416898 |
| 1.95E+09 | 2.586919 |
| 1.55E+09 | 3.229976 |
| 9.46E+09 | 3.665021 |
| 4.32E+09 | 3.983323 |
| 7.52E+09 | 1.92176 |
| 7.85E+09 | 2.616823 |
| 8.7E+08 | 1.884138 |
| 8.64E+09 | 2.117119 |
| 8.9E+09 | 2.608271 |
| 7.97E+09 | 1.119167 |
| 2.05E+09 | 3.262903 |
| 6.71E+09 | 2.290373 |
| 2.77E+09 | 2.002795 |
| 4.14E+09 | 3.738372 |
| 9.35E+09 | 3.126735 |
| 3.22E+09 | 1.969375 |
| 7.79E+09 | 1.003395 |
| 6.65E+09 | 2.852773 |
| 6.67E+09 | 2.230377 |
| 1.73E+09 | 2.052428 |
| 6.12E+09 | 3.154392 |
| 5.47E+09 | 1.492015 |
| 5.46E+09 | 0.981948 |
| 7.55E+09 | 1.746911 |
| 7.79E+09 | 3.733415 |
| 6.2E+09 | 2.984575 |
| 7.64E+09 | 1.876244 |
| 6.24E+08 | 4.079639 |
| 3.63E+09 | 1.428798 |
| 7.17E+09 | 3.095294 |
| 3.21E+09 | 1.691406 |

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| 2.47E+09 | 2.888782 |
| 2.62E+09 | 2.586919 |
| 1.42E+09 | 1.012973 |
| 2.08E+09 | 2.040647 |
| 3.83E+09 | 2.547288 |
| 7.7E+09 | 2.202917 |
| 5.1E+09 | 1.133482 |
| 3.72E+09 | 1.599199 |
| 3.36E+09 | 1.607312 |
| 9.21E+09 | 1.56049 |
| 1.8E+09 | 1.432191 |
| 9.55E+09 | 3.295442 |
| 3.88E+09 | 3.007315 |
| 1.76E+09 | 2.527271 |
| 5.47E+09 | 1.587335 |
| 6.39E+09 | 3.170291 |
| 2.33E+09 | 2.910314 |
| 9.41E+09 | 2.161286 |
| 8.71E+08 | 1.970124 |
| 3.14E+09 | 2.226256 |
| 4E+09 | 1.625607 |
| 2.31E+09 | 1.885803 |
| 8.04E+09 | 1.980334 |
| 7.5E+09 | 3.717994 |
| 1.96E+09 | 4.883329 |
| 1.56E+09 | 1.701704 |
| 3.63E+09 | 1.500755 |
| 2.59E+08 | 2.58747 |
| 6.62E+08 | 2.769948 |
| 3.12E+09 | 3.051236 |
| 3.21E+08 | 2.905834 |
| 6.84E+09 | 2.042858 |
| 3.74E+09 | 2.387641 |
| 4.43E+09 | 1.755275 |
| 9.24E+09 | 2.493433 |
| 6.15E+09 | 1.125416 |
| 2.57E+09 | 1.417885 |
| 4.02E+09 | 2.407365 |
| 1.01E+09 | 2.4213 |
| 1.26E+09 | 1.208382 |
| 9.53E+09 | 2.13899 |
| 8.69E+09 | 3.751264 |
| 1.73E+09 | 2.070688 |
| 2.48E+08 | 1.14418 |
| 6.11E+09 | 2.153027 |
| 2.13E+09 | 2.7492 |
| 9.2E+08 | 1.343193 |

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| 6.07E+09 | 2.99509 |
| 1.62E+09 | 0.567258 |
| 9.27E+09 | 0.936686 |
| 1.84E+09 | 3.353414 |
| 2.89E+09 | 2.632743 |
| 9.12E+09 | 3.045141 |
| 9.48E+09 | 2.640937 |
| 2.8E+09 | 2.533079 |
| 2.9E+09 | 2.15836 |
| 5.02E+09 | 2.06322 |
| 3.63E+09 | 3.983661 |
| 8.83E+09 | 1.939488 |
| 1.57E+09 | 4.064033 |
| 8.72E+09 | 2.067109 |
| 4.15E+09 | 4.202261 |
| 1.97E+09 | 4.111494 |
| 8.86E+09 | 0.980396 |
| 9.32E+09 | 2.007469 |
| 1.15E+09 | 2.735737 |
| 2.01E+09 | 1.63753 |
| 1.65E+09 | 2.023823 |
| 4.46E+08 | 2.937132 |
| 2.34E+09 | 2.57661 |
| 5.23E+08 | 0.935959 |
| 9.19E+09 | 2.408775 |
| 7.94E+09 | 1.998033 |
| 7.14E+09 | 1.430387 |
| 7.85E+09 | 3.42406 |
| 6.65E+09 | 2.281332 |
| 5.69E+08 | 2.506748 |
| 3.58E+09 | 1.499704 |
| 2.03E+09 | 1.370023 |
| 8.9E+09 | 1.871535 |
| 5.08E+09 | 1.921626 |
| 8.73E+09 | 3.839475 |
| 4.22E+09 | 1.726644 |
| 8E+09 | 2.8873 |
| 4.08E+09 | 2.679298 |
| 6.45E+09 | 3.838682 |
| 2.82E+09 | 2.753705 |
| 1.31E+09 | 1.637362 |
| 3.52E+09 | 4.041744 |
| 1.72E+09 | 0.990986 |
| 6.13E+09 | 1.351292 |
| 7.2E+09 | 3.056558 |
| 1.12E+09 | 3.450425 |
| 6.47E+08 | 1.767889 |

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| 5.63E+09 | 1.298969 |
| 3.34E+09 | 0.942587 |
| 9.55E+09 | 2.604501 |
| 1.77E+09 | 1.254612 |
| 3.35E+09 | 2.819547 |
| 2.18E+08 | 1.989133 |
| 3.65E+09 | 2.362151 |
| 7.9E+09 | 1.988534 |
| 6.23E+08 | 1.830999 |
| 1.77E+09 | 1.482635 |
| 1.78E+09 | 3.121107 |
| 3.4E+09 | 1.546834 |
| 2.42E+09 | 8.60391 |
| 4.39E+09 | 5.127954 |
| 1.54E+09 | 3.583658 |
| 6.15E+09 | 2.8704 |
| 2.9E+09 | 1.170048 |
| 1.44E+09 | 3.442273 |
| 8.56E+09 | 2.534963 |
| 2.77E+09 | 2.24935 |
| 3.43E+09 | 1.367426 |
| 5.04E+09 | 2.705049 |
| 3.63E+09 | 1.287594 |
| 3.88E+09 | 1.905947 |
| 3.27E+08 | 3.515336 |
| 7.55E+09 | 0.896043 |
| 1.31E+09 | 1.807076 |
| 2.22E+09 | 1.734543 |
| 6.31E+09 | 3.164493 |
| 2.77E+09 | 1.59704 |
| 5.59E+09 | 3.095565 |
| 4.32E+09 | 2.346607 |
| 5.25E+09 | 2.334173 |
| 9.24E+09 | 2.934737 |
| 3.89E+09 | 3.431798 |
| 7.91E+09 | 1.398313 |
| 5.73E+09 | 1.648812 |
| 3.59E+09 | 1.500439 |
| 2.08E+09 | 3.013988 |
| 1.84E+09 | 1.467835 |
| 5.34E+08 | 0.943813 |
| 8.56E+08 | 1.369785 |
| 4.14E+09 | 5.184396 |
| 9.56E+09 | 4.747903 |
| 7.77E+09 | 2.670497 |
| 2.8E+09 | 2.377151 |
| 1.92E+09 | 1.106358 |

3.45E+09 1.179737
3.88E+09 2.369748
7.24E+09 2.195991
3.89E+09 3.85921
9.58E+09 2.984977
6.15E+09 1.81604
4.02E+09 1.230909
8.9E+09 3.251256
3.4E+09 2.562055
6.75E+09 1.429903
1.95E+09 2.158124
3.3E+09 3.911168
2.54E+09 2.277274
3.8E+09 1.640591
7.88E+09 1.134629
3.44E+09 1.741809
3.53E+09 3.65422
3.6E+09 0.994708
7.32E+08 2.311407
7.13E+09 0.623447
2.63E+08 1.702645
7.21E+09 2.959246
1.11E+09 1.86468
3.42E+09 3.184314
2.47E+09 3.395072
8.69E+09 3.893279
6.18E+09 1.850423
4.48E+09 2.416034
2.97E+09 1.43923
1.53E+09 1.341325
7.64E+09 2.391843
7.02E+09 2.276529
2.17E+09 3.148591
4.04E+09 3.041478
9.53E+09 3.480977
5.07E+08 2.352933
2.78E+09 2.195947
3.63E+09 4.249706
1.1E+09 1.816226
1.33E+09 2.433389
2.76E+09 2.696428
2.11E+09 2.078433
2.05E+09 4.581394
3.83E+09 2.598886
2.61E+09 2.207085
1.48E+09 0.852235
8.9E+09 1.601722

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| 9.18E+09 | 2.924424 |
| 3.53E+09 | 1.475884 |
| 7.86E+09 | 1.977986 |
| 7.92E+09 | 1.168659 |
| 2.25E+09 | 1.151296 |
| 3.3E+09 | 2.122875 |
| 3.88E+09 | 1.789315 |
| 3.69E+08 | 0.757096 |
| 3.05E+09 | 2.33895 |
| 7.86E+09 | 4.127561 |
| 7.3E+09 | 2.948637 |
| 7.2E+09 | 1.563756 |
| 1.7E+09 | 1.78708 |
| 9.43E+09 | 3.796274 |
| 3.63E+09 | 3.020159 |
| 8.81E+09 | 1.288435 |
| 1.02E+09 | 1.343983 |
| 1.14E+09 | 1.447826 |
| 7.88E+09 | 1.023803 |
| 7.97E+09 | 3.171397 |
| 2.13E+09 | 2.150832 |
| 9.55E+09 | 1.825653 |
| 5.56E+09 | 1.054261 |
| 3.79E+09 | 1.8779 |
| 4.22E+09 | 3.303527 |
| 1.83E+09 | 1.855738 |
| 3.91E+09 | 1.732949 |
| 7.7E+09 | 4.117883 |
| 3.21E+09 | 1.810611 |
| 6.15E+09 | 0.738444 |
| 2.77E+09 | 1.450103 |
| 1.77E+09 | 1.781829 |
| 5.7E+09 | 2.788158 |
| 1.95E+09 | 0.97536 |
| 1.4E+09 | 2.005177 |
| 8.04E+09 | 1.342906 |
| 66000070 | 0.742211 |
| 5.08E+09 | 1.296555 |
| 4.03E+09 | 1.9842 |
| 5.69E+09 | 1.823657 |
| 3600072 | 2.662308 |
| 8.08E+09 | 3.032296 |
| 1.92E+09 | 2.288312 |
| 2.9E+09 | 1.882132 |
| 9.18E+09 | 0.792884 |
| 3.33E+09 | 1.90546 |
| 1.43E+09 | 1.743918 |

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| 2.82E+09 | 2.278899 |
| 6.45E+09 | 4.296026 |
| 6.2E+09 | 4.655355 |
| 7.52E+09 | 1.642703 |
| 3.52E+09 | 4.244081 |
| 5.74E+09 | 0.922722 |
| 2.47E+09 | 2.962377 |
| 4.21E+08 | 1.573195 |
| 4.23E+09 | 1.898831 |
| 5.56E+09 | 1.816717 |
| 3.8E+09 | 2.193747 |
| 7.99E+09 | 2.73433 |
| 3.03E+09 | 5.455452 |
| 7.52E+09 | 2.058187 |
| 9.41E+09 | 1.372492 |
| 3.81E+09 | 2.44923 |
| 6E+09 | 2.668057 |
| 2.21E+09 | 1.905528 |
| 7.2E+09 | 2.299504 |
| 7.3E+09 | 2.710563 |
| 8.97E+09 | 1.498731 |
| 4E+09 | 1.175871 |
| 2.22E+09 | 2.170922 |
| 1.52E+09 | 1.626504 |
| 1.13E+09 | 1.569752 |
| 1.87E+09 | 2.484232 |
| 4.04E+09 | 2.185701 |
| 2.1E+09 | 2.825855 |
| 2E+09 | 3.41348 |
| 8.82E+09 | 4.179418 |
| 7.46E+09 | 2.39327 |
| 9.54E+09 | 2.368181 |
| 8.09E+09 | 4.199621 |
| 7.52E+09 | 0.73632 |
| 8.68E+09 | 2.568108 |
| 3.18E+09 | 2.645463 |
| 9.83E+09 | 1.644638 |
| 6.71E+09 | 3.496469 |
| 2.14E+09 | 2.733806 |
| 7.52E+09 | 0.910003 |
| 3.22E+09 | 1.595537 |
| 7.99E+09 | 1.850042 |
| 2.59E+09 | 1.910837 |
| 2.79E+09 | 3.092906 |
| 1.73E+08 | 1.372531 |
| 7.2E+09 | 3.167084 |
| 3.31E+09 | 3.61873 |

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| 2.58E+09 | 3.183183 |
| 6.61E+09 | 4.413782 |
| 7.02E+09 | 2.041327 |
| 1.32E+09 | 2.890086 |
| 3.79E+09 | 3.998084 |
| 2.23E+09 | 1.121546 |
| 3.58E+09 | 1.09311 |
| 8.1E+09 | 1.62478 |
| 2.1E+09 | 2.458587 |
| 8.68E+09 | 3.374286 |
| 6.16E+09 | 1.104024 |
| 6.92E+09 | 2.742431 |
| 6.91E+09 | 2.273631 |
| 1.21E+09 | 1.27976 |
| 3800008 | 2.261632 |
| 6.15E+09 | 0.901931 |
| 1.22E+09 | 4.196777 |
| 7.77E+09 | 3.418432 |
| 9.29E+09 | 3.237615 |
| 1.97E+09 | 2.655097 |
| 7.63E+09 | 3.584136 |
| 9.38E+09 | 2.250156 |
| 8.65E+09 | 0.951567 |
| 6.3E+08 | 4.173482 |
| 5.02E+09 | 3.031793 |
| 9.56E+09 | 2.261212 |
| 8.73E+09 | 1.456665 |
| 7.9E+09 | 2.737211 |
| 5.25E+09 | 2.154226 |
| 1.45E+09 | 3.002096 |
| 7.79E+09 | 3.171163 |
| 1.25E+09 | 2.6044 |
| 3.36E+09 | 2.353034 |
| 7.58E+09 | 2.593517 |
| 4.14E+09 | 2.265472 |
| 11520640 | 3.657132 |
| 7.97E+09 | 1.31742 |
| 8.12E+09 | 1.519189 |
| 9.46E+09 | 2.141542 |
| 1.33E+09 | 2.038888 |
| 4.03E+09 | 1.254871 |
| 2.72E+09 | 2.945846 |
| 1.12E+09 | 1.179296 |
| 3.54E+09 | 1.014169 |
| 2.91E+08 | 2.910533 |
| 8.65E+09 | 2.269433 |
| 3.3E+09 | 1.409068 |

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| 4.04E+09 | 1.224573 |
| 1.33E+09 | 4.724464 |
| 9.28E+09 | 4.132173 |
| 4.15E+09 | 1.133437 |
| 7.76E+09 | 1.45447 |
| 5.03E+09 | 1.592559 |
| 9.49E+09 | 3.735488 |
| 3.58E+09 | 1.567287 |
| 7.61E+09 | 1.388826 |
| 3.68E+09 | 3.127275 |
| 1.25E+09 | 1.238426 |
| 6.3E+08 | 3.280427 |
| 1.84E+09 | 2.6967 |
| 1.18E+09 | 5.221983 |
| 3.01E+09 | 1.454317 |
| 7.85E+09 | 5.559978 |
| 3.28E+09 | 2.60157 |
| 3.34E+09 | 1.072555 |
| 5.46E+09 | 3.226859 |
| 2.47E+09 | 2.061216 |
| 5.39E+09 | 2.640418 |
| 8.82E+09 | 1.552663 |
| 1.25E+09 | 2.379074 |
| 1.52E+09 | 2.682466 |
| 9.3E+08 | 2.638761 |
| 4.08E+09 | 1.870173 |
| 4.06E+09 | 3.805969 |
| 2.78E+09 | 3.446912 |
| 3.63E+09 | 2.972199 |
| 7.86E+09 | 3.218717 |
| 7.59E+09 | 1.438722 |
| 3.89E+09 | 1.202712 |
| 6.38E+09 | 2.172086 |
| 3.3E+09 | 2.848543 |
| 8.64E+09 | 2.313305 |
| 5.64E+09 | 3.399825 |
| 8.82E+09 | 3.594083 |
| 5.46E+09 | 4.012594 |
| 9.85E+08 | 0.922691 |
| 9.56E+09 | 3.421689 |
| 1.42E+09 | 1.619312 |
| 4.15E+09 | 1.058367 |
| 7.95E+08 | 1.260608 |
| 9.83E+09 | 1.203813 |
| 1.25E+09 | 4.701313 |
| 1.16E+09 | 1.855754 |
| 5.65E+09 | 3.200324 |

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| 1.04E+09 | 3.527561 |
| 8.9E+09 | 2.592728 |
| 1.65E+09 | 3.42971 |
| 2.92E+09 | 3.136846 |
| 4.37E+09 | 1.381384 |
| 6.84E+09 | 2.925697 |
| 7.38E+09 | 1.37541 |
| 7.85E+09 | 2.968075 |
| 9.22E+09 | 1.318338 |
| 9.54E+09 | 2.670762 |
| 7.34E+09 | 1.24038 |
| 4.32E+09 | 2.563049 |
| 7.69E+09 | 2.554504 |
| 9.32E+09 | 1.712367 |
| 3.2E+09 | 3.434875 |
| 6.71E+09 | 2.380683 |
| 1.57E+09 | 4.528116 |
| 3.28E+09 | 1.772166 |
| 1.94E+08 | 1.577893 |
| 2.12E+09 | 1.678139 |
| 7.52E+09 | 2.105935 |
| 3.79E+09 | 2.011099 |
| 7.85E+09 | 3.476728 |
| 5.47E+09 | 2.926467 |
| 8.69E+09 | 3.697252 |
| 1.14E+08 | 1.193845 |
| 1.26E+09 | 3.171462 |
| 7E+09 | 1.121963 |
| 1.9E+09 | 0.969274 |
| 2.52E+08 | 5.264644 |
| 7.7E+09 | 3.592149 |
| 4.04E+09 | 1.541643 |
| 5.22E+08 | 1.385244 |
| 6.07E+09 | 2.929334 |
| 6.82E+09 | 1.98697 |
| 5.03E+09 | 1.749786 |
| 8.86E+09 | 2.695467 |
| 8.26E+08 | 1.041906 |
| 9.42E+09 | 1.464079 |
| 3.96E+09 | 4.192134 |
| 8.9E+09 | 2.667981 |
| 7.53E+09 | 3.409959 |
| 8.56E+09 | 5.660591 |
| 1.43E+09 | 1.32985 |
| 6.7E+09 | 3.00558 |
| 2.53E+09 | 3.641687 |
| 7.55E+09 | 1.522093 |

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| 2.14E+09 | 3.368764 |
| 5.1E+09 | 0.958128 |
| 7.35E+09 | 1.633325 |
| 6.85E+09 | 1.089676 |
| 87000213 | 1.391475 |
| 5.42E+09 | 2.25735 |
| 3.22E+08 | 1.598496 |
| 7.23E+09 | 2.155359 |
| 7.12E+09 | 0.97587 |
| 3.74E+09 | 1.824828 |
| 6.74E+09 | 2.997976 |
| 1.96E+09 | 2.384247 |
| 5.59E+09 | 2.551623 |
| 1.78E+09 | 1.52088 |
| 3.75E+09 | 2.654027 |
| 5.32E+09 | 1.782508 |
| 1.44E+09 | 3.711341 |
| 9.35E+09 | 2.528107 |
| 1.84E+09 | 2.010406 |
| 7.28E+09 | 1.25443 |
| 8.64E+09 | 3.033983 |
| 6.91E+09 | 2.376179 |
| 7.01E+09 | 2.936206 |
| 9.35E+09 | 2.86994 |
| 3.88E+09 | 2.040827 |
| 2.2E+09 | 4.151758 |
| 3.76E+09 | 2.403491 |
| 3.4E+09 | 2.584296 |
| 3.75E+09 | 2.269465 |
| 9.83E+09 | 1.456571 |
| 8.66E+09 | 1.846573 |
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| 2.42E+09 | 2.326103 |
| 2.11E+09 | 1.47219 |
| 7.64E+09 | 3.733278 |
| 8.57E+09 | 2.941294 |
| 7.5E+09 | 3.738586 |
| 6.82E+09 | 0.845534 |
| 4.31E+09 | 0.859964 |
| 2.59E+09 | 1.703597 |
| 9.83E+09 | 1.853335 |
| 9.38E+09 | 1.591583 |
| 1.65E+09 | 3.727588 |
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| 7.72E+09 | 1.842039 |
| 7.28E+09 | 2.505852 |
| 5.22E+08 | 3.204002 |

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| 5.2E+09 | 2.395087 |
| 8.26E+08 | 2.377621 |
| 3.27E+09 | 2.224386 |
| 4.44E+09 | 1.86103 |
| 8.68E+09 | 3.151719 |
| 2.77E+09 | 1.077112 |
| 1.56E+09 | 1.98831 |
| 2.69E+08 | 5.314912 |
| 9.26E+09 | 2.047776 |
| 2.32E+09 | 1.044873 |
| 1.22E+09 | 2.930783 |
| 3.76E+09 | 1.588171 |
| 2.57E+09 | 3.196061 |
| 3.71E+09 | 2.328127 |
| 8.24E+08 | 2.735668 |
| 1.74E+09 | 0.744738 |
| 3.03E+09 | 2.004728 |
| 6.13E+09 | 3.494281 |
| 1.07E+09 | 5.024505 |
| 3.05E+09 | 3.229396 |
| 3.02E+09 | 1.348165 |
| 7.39E+09 | 2.132922 |
| 1.79E+09 | 1.815867 |
| 2.92E+09 | 1.84595 |
| 7.02E+09 | 3.792304 |
| 7.7E+09 | 4.557018 |
| 1.93E+09 | 3.341893 |
| 3.01E+08 | 2.941335 |
| 1.93E+09 | 0.924917 |
| 2.4E+09 | 2.661215 |
| 2.59E+09 | 2.765858 |
| 7.88E+09 | 1.264346 |
| 8.08E+08 | 3.656415 |
| 1.42E+09 | 2.740814 |
| 8.56E+09 | 1.28009 |
| 2.79E+09 | 2.238781 |
| 2.35E+09 | 0.907154 |
| 7.39E+08 | 0.707692 |
| 2.4E+09 | 1.511991 |
| 7.63E+09 | 1.535131 |
| 5.1E+09 | 1.872414 |
| 3.32E+09 | 2.341406 |
| 2.25E+08 | 2.907068 |
| 8.08E+09 | 2.814982 |
| 4.14E+09 | 5.22549 |
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| 8.22E+08 | 2.759841 |

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1.31E+09 3.983537
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9.93E+08 4.569673
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4.14E+09 3.520776
1.22E+09 1.618284
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2.73E+09 2.160393
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4.04E+09 2.366201
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6.75E+09 1.954211
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3.69E+08 1.085397
6.07E+09 1.929505
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9.52E+09 1.652868
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6.6E+09 1.823898
8.08E+09 2.147397
1.36E+09 2.065115
4E+09 1.338848

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| 1.44E+09 | 4.384903 |
| 5.02E+09 | 1.869334 |
| 4.37E+09 | 1.876724 |
| 3.88E+09 | 3.438394 |
| 2.12E+09 | 1.779355 |
| 6.7E+09 | 1.855734 |
| 7.85E+09 | 2.986841 |
| 1.45E+09 | 4.655878 |
| 4.14E+09 | 2.522044 |
| 9.83E+09 | 2.402695 |
| 6.72E+09 | 1.138484 |
| 8.56E+09 | 2.661588 |
| 9.32E+09 | 5.480436 |
| 2.79E+09 | 2.634625 |
| 7.73E+09 | 2.625486 |
| 1.39E+09 | 1.386723 |
| 1.57E+09 | 1.017279 |
| 3.98E+09 | 3.974599 |
| 3.4E+08 | 1.793283 |
| 7.89E+09 | 2.091344 |
| 1.84E+09 | 3.099725 |
| 7.6E+09 | 1.171972 |
| 2.16E+09 | 2.732927 |
| 6.15E+09 | 3.077667 |
| 9.29E+09 | 2.43906 |
| 1.25E+09 | 2.692678 |
| 9.11E+09 | 4.462148 |
| 5.04E+09 | 2.772772 |
| 8.9E+09 | 1.944383 |
| 7.23E+08 | 1.173397 |
| 2.02E+09 | 1.743748 |
| 2.93E+09 | 3.538301 |
| 4.23E+09 | 3.935632 |
| 9.27E+09 | 1.879044 |
| 5.46E+09 | 2.030943 |
| 4.24E+08 | 1.679115 |
| 8.15E+09 | 0.661009 |
| 2.74E+09 | 2.62729 |
| 8.05E+09 | 1.959125 |
| 8.04E+09 | 1.386269 |
| 4.13E+09 | 3.357192 |
| 1.37E+09 | 3.131276 |
| 8.21E+08 | 2.307811 |
| 5.1E+09 | 2.935084 |
| 5.47E+09 | 1.583091 |
| 1.7E+09 | 0.86906 |
| 8.66E+09 | 1.626366 |

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| 3.3E+09 | 2.535167 |
| 1.84E+09 | 1.186272 |
| 1.56E+09 | 1.947839 |
| 6.06E+09 | 2.243242 |
| 6.21E+08 | 1.519768 |
| 7.85E+09 | 2.344056 |
| 9.39E+09 | 1.959942 |
| 7.21E+09 | 3.019658 |
| 5.41E+09 | 1.611256 |
| 2.03E+09 | 1.703383 |
| 7.33E+09 | 1.933526 |
| 8.03E+09 | 1.370982 |
| 2.62E+09 | 3.260412 |
| 3.13E+09 | 1.21165 |
| 4.44E+09 | 1.065474 |
| 2.47E+09 | 2.255548 |
| 7.92E+09 | 1.997246 |
| 3.34E+09 | 1.01089 |
| 3.8E+09 | 0.929056 |
| 5.41E+09 | 3.161891 |
| 6.71E+09 | 2.281162 |
| 1.52E+09 | 1.792322 |
| 1.25E+09 | 3.007953 |
| 6.44E+09 | 3.708204 |
| 2.14E+09 | 2.810197 |
| 9.41E+09 | 1.564666 |
| 5.45E+09 | 6.419424 |
| 3.26E+08 | 2.293879 |
| 7.15E+09 | 2.162933 |
| 3.08E+09 | 1.501172 |
| 3.02E+09 | 3.214351 |
| 2.6E+09 | 3.566053 |
| 3.97E+09 | 1.161176 |
| 2.47E+09 | 1.911519 |
| 6.12E+09 | 3.005546 |
| 8.68E+09 | 3.146241 |
| 6.42E+08 | 3.47685 |
| 3.78E+09 | 1.309135 |
| 5.42E+09 | 3.048966 |
| 2.42E+09 | 5.557981 |
| 7.9E+09 | 1.335751 |
| 8.6E+09 | 1.64255 |
| 2.42E+09 | 3.390977 |
| 9.53E+09 | 1.838509 |
| 7.52E+09 | 2.147065 |
| 7.2E+09 | 3.011241 |
| 3.29E+09 | 4.108745 |

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| 1.12E+09 | 3.473543 |
| 7.5E+09 | 2.887784 |
| 4.05E+09 | 5.167987 |
| 9.41E+09 | 2.944434 |
| 7.14E+09 | 2.041566 |
| 2.6E+09 | 2.873822 |
| 2.92E+09 | 1.745716 |
| 2.19E+09 | 1.25498 |
| 7.78E+09 | 2.506079 |
| 6.15E+09 | 1.646908 |
| 8.08E+09 | 2.994603 |
| 7.2E+09 | 3.847637 |
| 1.97E+09 | 1.802024 |
| 2.77E+09 | 2.174528 |
| 3.27E+09 | 1.371493 |
| 3.22E+09 | 3.692474 |
| 7.6E+09 | 4.262487 |
| 3.35E+09 | 2.131495 |
| 1.55E+09 | 1.881603 |
| 2.3E+09 | 2.931403 |
| 3.63E+09 | 2.283624 |
| 1.6E+09 | 0.673178 |
| 3.62E+09 | 4.525728 |
| 8.08E+09 | 2.002972 |
| 1.8E+09 | 1.447517 |
| 2.77E+09 | 2.09255 |
| 3.22E+09 | 3.948858 |
| 2.47E+09 | 2.751821 |
| 3.58E+09 | 1.431762 |
| 5.71E+09 | 1.959406 |
| 1.77E+09 | 3.477948 |
| 2.22E+09 | 1.456123 |
| 1.25E+09 | 1.320096 |
| 5.42E+09 | 3.079219 |
| 7.34E+09 | 0.886586 |
| 3.78E+09 | 3.234685 |
| 8.86E+09 | 2.108896 |
| 4.24E+08 | 3.464319 |
| 3.59E+09 | 2.695148 |
| 9.83E+09 | 0.661004 |
| 2.62E+09 | 1.97926 |
| 7.33E+09 | 1.399259 |
| 3.29E+09 | 3.735723 |
| 1.72E+09 | 3.715452 |
| 3.57E+09 | 3.493688 |
| 1.34E+09 | 2.398876 |
| 7.23E+09 | 1.864284 |

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| 6.14E+09 | 1.823753 |
| 2.77E+09 | 2.538712 |
| 4.76E+08 | 1.669338 |
| 2.56E+09 | 2.472774 |
| 3.5E+09 | 0.889752 |
| 4.07E+09 | 1.743484 |
| 8.91E+09 | 9.766027 |
| 4.39E+09 | 1.37286 |
| 2.48E+09 | 0.787782 |
| 7.85E+09 | 2.772702 |
| 3.19E+08 | 3.213373 |
| 9.2E+09 | 0.999494 |
| 1.03E+09 | 2.065677 |
| 2.05E+08 | 2.918462 |
| 2.62E+09 | 5.167291 |
| 9.21E+08 | 3.877031 |
| 2.02E+09 | 3.339198 |
| 7.23E+09 | 2.398432 |
| 4.38E+09 | 2.314327 |
| 4.39E+09 | 6.102953 |
| 8.26E+08 | 2.408558 |
| 2.31E+09 | 1.821052 |
| 4.06E+09 | 2.026114 |
| 6.6E+09 | 1.619955 |
| 3.59E+09 | 5.002719 |
| 2.59E+09 | 1.365131 |
| 1.1E+09 | 4.047214 |
| 1.86E+09 | 1.880636 |
| 6.93E+09 | 1.505033 |
| 9.58E+09 | 2.745621 |
| 8.73E+09 | 1.997274 |
| 1.82E+09 | 1.500476 |
| 8.71E+09 | 3.588739 |
| 3.42E+09 | 1.73946 |
| 4.23E+09 | 0.826995 |
| 8.68E+09 | 1.567174 |
| 3.83E+09 | 1.93636 |
| 5.1E+09 | 0.92575 |
| 1.74E+09 | 2.808646 |
| 1.63E+09 | 1.648026 |
| 6.33E+09 | 2.735706 |
| 3.43E+09 | 4.992597 |
| 3.81E+09 | 3.180961 |
| 7.4E+09 | 4.020292 |
| 1.73E+09 | 3.260413 |
| 8.9E+09 | 2.164938 |
| 4.14E+09 | 2.164825 |

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| 1.12E+09 | 5.054344 |
| 3.9E+09 | 2.566679 |
| 2.7E+09 | 1.078324 |
| 9.54E+09 | 2.762122 |
| 1.55E+09 | 2.084125 |
| 1.82E+09 | 4.768909 |
| 2.19E+09 | 2.998008 |
| 1.12E+09 | 3.354131 |
| 7.85E+09 | 2.157268 |
| 1.95E+09 | 1.87585 |
| 7.3E+09 | 1.894534 |
| 1.76E+09 | 1.611363 |
| 6.82E+09 | 1.22737 |
| 2.77E+09 | 1.491551 |
| 2.42E+09 | 3.847556 |
| 1.57E+09 | 1.480477 |
| 5.26E+09 | 3.380672 |
| 8.86E+09 | 3.301427 |
| 7.35E+09 | 3.40406 |
| 3.29E+09 | 3.849515 |
| 3.76E+09 | 2.683296 |
| 5.42E+09 | 3.31451 |
| 7.97E+09 | 0.8594 |
| 3.29E+09 | 1.139883 |
| 9.21E+09 | 2.092988 |
| 8.64E+09 | 3.313382 |
| 9.2E+09 | 1.055429 |
| 3.53E+09 | 0.954076 |
| 8.84E+09 | 2.686039 |
| 6.84E+09 | 1.427918 |
| 6.41E+09 | 1.869461 |
| 5.2E+09 | 3.892589 |
| 8.24E+08 | 3.861238 |
| 3.88E+09 | 2.045511 |
| 2.69E+08 | 3.745738 |
| 1.56E+09 | 3.396112 |
| 4.44E+09 | 1.62531 |
| 9.54E+09 | 3.146241 |
| 2.47E+09 | 3.96985 |
| 7.52E+09 | 1.612033 |
| 1.23E+09 | 1.87315 |
| 4.45E+09 | 0.80243 |
| 2.82E+09 | 3.127242 |
| 3.82E+09 | 1.355246 |
| 2.64E+09 | 1.773483 |
| 8.06E+09 | 1.96424 |
| 1.1E+09 | 1.679716 |

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| 1.95E+09 | 1.902167 |
| 7.85E+09 | 3.247691 |
| 7.23E+09 | 2.448426 |
| 1.43E+09 | 1.172903 |
| 1.9E+09 | 2.909721 |
| 4.05E+09 | 4.465093 |
| 2.57E+09 | 3.541616 |
| 5.88E+08 | 4.732587 |
| 4.15E+09 | 3.892032 |
| 6.36E+09 | 4.985055 |
| 3.28E+09 | 1.958209 |
| 6.21E+09 | 2.604551 |
| 6.14E+09 | 2.257052 |
| 2.59E+09 | 3.846481 |
| 5.41E+09 | 1.618215 |
| 5.47E+09 | 1.586414 |
| 2.88E+09 | 2.119692 |
| 3.22E+09 | 2.034021 |
| 7.96E+09 | 1.485104 |
| 2.7E+09 | 1.578922 |
| 3.76E+09 | 2.147934 |
| 4.14E+08 | 1.53076 |
| 8.03E+09 | 2.330568 |
| 1.43E+09 | 1.601695 |
| 5.46E+08 | 2.234774 |
| 3.28E+09 | 1.712833 |
| 3.63E+09 | 3.943448 |
| 2.33E+09 | 4.146492 |
| 3.28E+09 | 1.875992 |
| 4.02E+09 | 1.584401 |
| 7.7E+09 | 1.650274 |
| 8.56E+09 | 3.40995 |
| 4.06E+09 | 1.031684 |
| 5.7E+09 | 2.010251 |
| 7.7E+09 | 3.795221 |
| 1.76E+09 | 2.462748 |
| 5.41E+09 | 1.50431 |
| 1.37E+09 | 2.97508 |
| 2.88E+09 | 1.352456 |
| 3.63E+09 | 2.368274 |
| 6.07E+09 | 1.937261 |
| 2.47E+09 | 2.752478 |
| 2.77E+09 | 1.929119 |
| 3.52E+09 | 4.191333 |
| 2.79E+09 | 3.448047 |
| 9.48E+09 | 2.692153 |
| 8.73E+09 | 2.966345 |

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| 2.37E+08 | 2.911966 |
| 9.93E+08 | 4.513568 |
| 5.47E+09 | 2.085933 |
| 7.2E+09 | 4.16546 |
| 8.68E+09 | 1.582458 |
| 5.21E+09 | 2.173606 |
| 7.85E+09 | 2.250767 |
| 8.66E+09 | 2.320471 |
| 2.31E+09 | 1.70142 |
| 6.11E+09 | 3.202035 |
| 3.3E+09 | 3.581672 |
| 6.68E+09 | 2.922019 |
| 8.16E+09 | 2.771713 |
| 9.51E+09 | 2.741814 |
| 1.22E+09 | 3.6016 |
| 2.72E+09 | 2.472486 |
| 2.52E+09 | 1.732906 |
| 9.83E+09 | 2.021278 |
| 2.16E+09 | 1.679159 |
| 2.77E+09 | 2.399901 |
| 3.81E+09 | 2.707942 |
| 7.85E+09 | 2.557637 |
| 3.2E+08 | 3.229135 |
| 1.06E+09 | 2.471854 |
| 1.79E+09 | 1.53733 |
| 7.89E+09 | 3.558584 |
| 3.62E+09 | 1.756159 |
| 4.22E+09 | 3.582498 |
| 5.19E+08 | 4.471473 |
| 2.5E+09 | 2.445998 |
| 7.28E+09 | 1.120721 |
| 9.23E+09 | 2.08134 |
| 4.04E+09 | 1.540589 |
| 7.97E+09 | 3.684699 |
| 1.78E+09 | 2.183058 |
| 3.16E+09 | 0.673874 |
| 2.54E+08 | 1.94657 |
| 1.42E+09 | 4.486257 |
| 2.77E+09 | 3.168075 |
| 4.32E+09 | 2.062688 |
| 1.59E+09 | 2.967172 |
| 1.69E+09 | 2.365239 |
| 5.2E+09 | 1.867737 |
| 3.75E+09 | 1.09438 |
| 5.61E+09 | 4.042522 |
| 2.05E+09 | 1.317193 |
| 2.78E+09 | 2.125966 |

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| 1.02E+09 | 1.29993 |
| 2.79E+09 | 2.459682 |
| 4.36E+09 | 1.594196 |
| 3.12E+09 | 3.624463 |
| 1.96E+09 | 1.620328 |
| 3.21E+09 | 1.532662 |
| 7.97E+09 | 1.385162 |
| 6.82E+09 | 2.860196 |
| 6.15E+09 | 0.857051 |
| 1.53E+09 | 3.869985 |
| 1.23E+09 | 1.642431 |
| 4.12E+09 | 3.043411 |
| 2.43E+09 | 1.347092 |
| 2.01E+09 | 1.941827 |
| 1.85E+09 | 3.663232 |
| 1.92E+09 | 2.077128 |
| 5.82E+08 | 1.541604 |
| 5.88E+08 | 2.328849 |
| 7.84E+09 | 1.434685 |
| 6.12E+09 | 1.873363 |
| 6.39E+09 | 2.17697 |
| 5.36E+09 | 1.576518 |
| 1.06E+08 | 1.640136 |
| 7.2E+09 | 1.23902 |
| 2.48E+09 | 2.30219 |
| 4.04E+09 | 1.697362 |
| 9.41E+09 | 1.951663 |
| 2.94E+08 | 3.523946 |
| 7.2E+09 | 4.242645 |
| 5.61E+09 | 5.029951 |
| 7.24E+09 | 1.711425 |
| 9.14E+09 | 1.006337 |
| 1.45E+09 | 1.765649 |
| 1.38E+09 | 2.08966 |
| 7.97E+09 | 1.542924 |
| 1.56E+09 | 3.070718 |
| 2.92E+09 | 1.29008 |
| 8.68E+08 | 2.79878 |
| 7.14E+09 | 1.939116 |
| 1.02E+09 | 1.351682 |
| 3.26E+09 | 4.481006 |
| 8.56E+09 | 2.588756 |
| 7.14E+09 | 1.658903 |
| 4.37E+09 | 2.22453 |
| 4.1E+09 | 5.62335 |
| 3.82E+09 | 1.438918 |
| 5.38E+09 | 1.666369 |

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| 4.24E+09 | 2.544087 |
| 8.12E+09 | 1.996369 |
| 8.95E+09 | 4.306535 |
| 1.43E+09 | 1.387882 |
| 7.01E+09 | 1.863328 |
| 2.8E+09 | 3.125449 |
| 5.22E+08 | 1.419883 |
| 4.32E+09 | 2.722957 |
| 3.65E+09 | 2.427579 |
| 2.13E+09 | 2.585175 |
| 3.22E+09 | 1.582493 |
| 6.8E+09 | 1.447196 |
| 3.63E+09 | 5.300893 |
| 8.73E+09 | 1.440893 |
| 6.07E+09 | 3.399293 |
| 1.67E+09 | 1.246204 |
| 2.2E+09 | 1.158369 |
| 4.06E+09 | 2.069536 |
| 5.08E+09 | 1.449233 |
| 7.85E+09 | 3.375608 |
| 7.82E+09 | 0.709251 |
| 8.66E+09 | 1.499192 |
| 3.19E+09 | 1.694064 |
| 4.08E+09 | 0.94333 |
| 2.47E+09 | 11.21146 |
| 3.45E+09 | 2.691108 |
| 1.84E+09 | 1.566934 |
| 7.9E+09 | 1.6479 |
| 9.43E+09 | 1.919449 |
| 6E+09 | 1.753837 |
| 7.7E+09 | 3.837482 |
| 1.31E+09 | 2.305885 |
| 3.98E+09 | 2.150008 |
| 4.1E+09 | 2.281982 |
| 7.2E+09 | 2.906545 |
| 7.37E+09 | 2.324633 |
| 1.26E+08 | 2.754155 |
| 1.06E+08 | 1.583287 |
| 4.46E+09 | 2.789035 |
| 8.94E+09 | 1.917956 |
| 8.68E+09 | 2.72865 |
| 9.83E+09 | 1.39931 |
| 3.28E+09 | 2.998088 |
| 7.23E+09 | 1.356507 |
| 1.8E+09 | 4.547626 |
| 3.83E+09 | 2.521823 |
| 2.52E+09 | 2.257135 |

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| 7.7E+09 | 3.268995 |
| 3.9E+09 | 3.646966 |
| 5.65E+09 | 2.189 |
| 7.23E+09 | 2.230218 |
| 3.02E+09 | 1.490741 |
| 7.79E+09 | 5.116376 |
| 2.05E+09 | 4.212154 |
| 8.82E+09 | 1.357035 |
| 3.52E+09 | 4.766845 |
| 9.19E+09 | 2.74866 |
| 7.28E+09 | 1.34154 |
| 9.47E+09 | 4.408285 |
| 2.77E+09 | 2.191997 |
| 3.63E+09 | 2.259505 |
| 9.14E+09 | 2.669434 |
| 8.65E+09 | 2.074922 |
| 3.68E+09 | 1.279213 |
| 2.77E+09 | 1.509858 |
| 1.97E+09 | 1.957199 |
| 6.06E+09 | 5.179203 |
| 6.62E+09 | 2.481587 |
| 2.22E+09 | 2.701803 |
| 2.77E+09 | 1.436644 |
| 3.59E+09 | 3.444825 |
| 2.92E+09 | 2.607117 |
| 9.27E+09 | 1.380512 |
| 7.23E+09 | 1.680315 |
| 1.09E+09 | 3.135147 |
| 3.36E+09 | 1.433336 |
| 5.15E+09 | 2.902524 |
| 7.23E+09 | 2.560588 |
| 2.42E+09 | 2.418125 |
| 8.02E+09 | 1.851873 |
| 2.52E+09 | 4.416305 |
| 1.44E+09 | 3.198243 |
| 3.33E+09 | 2.800071 |
| 9.35E+09 | 1.666861 |
| 8.69E+09 | 3.539974 |
| 6.33E+09 | 2.809549 |
| 1.31E+09 | 2.117086 |
| 7.43E+09 | 1.723431 |
| 3.63E+09 | 3.102256 |
| 2.72E+09 | 2.192687 |
| 9.84E+08 | 2.17593 |
| 5.35E+09 | 0.865697 |
| 4.15E+09 | 2.177436 |
| 2.95E+09 | 2.224626 |

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| 9.52E+09 | 1.947395 |
| 5.1E+09 | 3.349042 |
| 3.45E+09 | 3.257377 |
| 4.22E+09 | 3.492086 |
| 5.15E+09 | 5.347383 |
| 3.28E+09 | 1.490697 |
| 1.1E+09 | 4.108377 |
| 1.25E+09 | 3.601711 |
| 2.03E+09 | 1.688802 |
| 3.82E+09 | 2.070762 |
| 1.25E+09 | 3.092405 |
| 7.85E+09 | 2.984401 |
| 3.83E+09 | 2.039368 |
| 2.93E+09 | 2.737415 |
| 1.25E+09 | 4.453071 |
| 6.37E+09 | 2.141548 |
| 7.95E+09 | 1.219959 |
| 7.52E+09 | 1.71779 |
| 9.29E+09 | 1.963519 |
| 3.99E+09 | 2.213107 |
| 7.23E+09 | 2.606952 |
| 5.48E+09 | 3.206405 |
| 1.13E+09 | 5.369443 |
| 9.53E+09 | 2.184225 |
| 4.02E+08 | 1.739541 |
| 8.82E+09 | 3.063703 |
| 2.48E+09 | 0.847404 |
| 1.44E+09 | 0.51452 |
| 2.85E+09 | 2.269256 |
| 1.53E+09 | 0.795055 |
| 2.6E+09 | 3.309499 |
| 7.81E+09 | 1.379817 |
| 3.34E+09 | 2.749338 |
| 1.95E+09 | 0.837519 |
| 9.54E+09 | 1.662265 |
| 8.08E+09 | 3.790876 |
| 3.26E+09 | 3.168109 |
| 1.86E+09 | 1.109109 |
| 3.3E+09 | 2.666335 |
| 4.35E+09 | 1.417036 |
| 4.22E+09 | 2.906579 |
| 3.8E+09 | 1.648301 |
| 3.2E+09 | 2.621911 |
| 1.93E+09 | 1.053499 |
| 8.81E+09 | 0.901062 |
| 4.39E+09 | 2.031379 |
| 5.02E+09 | 5.739917 |

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| 2.95E+09 | 2.203193 |
| 6.86E+08 | 2.252191 |
| 3.37E+09 | 2.037456 |
| 8.68E+09 | 1.3955 |
| 7.31E+09 | 0.827753 |
| 3.76E+09 | 1.525481 |
| 3.58E+09 | 2.422514 |
| 1.77E+09 | 3.432287 |
| 7.13E+09 | 1.953442 |
| 6.3E+09 | 1.317663 |
| 1.33E+09 | 2.2786 |
| 3.69E+09 | 1.806543 |
| 1.22E+09 | 3.773055 |
| 7.95E+09 | 0.844684 |
| 3.59E+09 | 3.70264 |
| 9.46E+09 | 2.313614 |
| 6.29E+08 | 3.88899 |
| 1.99E+09 | 1.858993 |
| 6.67E+09 | 2.672614 |
| 7.26E+09 | 1.082721 |
| 7.5E+09 | 2.532079 |
| 5.25E+09 | 1.33266 |
| 3.4E+09 | 1.647478 |
| 3.22E+08 | 2.34549 |
| 4.05E+09 | 4.563634 |
| 1.71E+09 | 1.968416 |
| 8.64E+09 | 3.519502 |
| 2.45E+09 | 3.921867 |
| 6.1E+09 | 2.035362 |
| 1.93E+09 | 1.660347 |
| 3.33E+09 | 1.294804 |
| 5.39E+09 | 0.940669 |
| 6.21E+08 | 1.900093 |
| 3.34E+09 | 3.591815 |
| 2.95E+09 | 5.008762 |
| 7.97E+09 | 1.312159 |
| 7.21E+09 | 3.268308 |
| 5.56E+09 | 3.316318 |
| 2.63E+09 | 2.027821 |
| 6.82E+09 | 2.750423 |
| 9.2E+09 | 2.707038 |
| 1.07E+09 | 1.765909 |
| 6.19E+09 | 2.255111 |
| 3.28E+09 | 1.315077 |
| 1.13E+08 | 2.054205 |
| 1.32E+09 | 2.764009 |
| 7.98E+09 | 1.731318 |

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| 7.2E+09 | 1.383928 |
| 6.38E+09 | 2.505506 |
| 8.08E+09 | 2.375303 |
| 7.85E+09 | 4.734579 |
| 6.3E+09 | 1.512797 |
| 3.37E+09 | 3.227088 |
| 3.34E+09 | 1.536749 |
| 6.98E+09 | 4.188053 |
| 7.2E+09 | 2.864948 |
| 1.11E+09 | 1.22209 |
| 9.27E+09 | 1.7367 |
| 5.1E+09 | 1.934855 |
| 9.25E+08 | 2.159336 |
| 1.01E+08 | 1.630671 |
| 1.79E+09 | 1.793771 |
| 2.12E+09 | 2.353236 |
| 2.46E+09 | 4.28597 |
| 3.9E+09 | 2.551816 |
| 7.25E+09 | 2.893367 |
| 7.82E+09 | 2.2982 |
| 3.75E+09 | 1.982741 |
| 2.77E+09 | 1.007436 |
| 3.3E+09 | 2.706228 |
| 9.14E+09 | 3.317807 |
| 8.68E+09 | 1.598175 |
| 9.41E+09 | 1.143225 |
| 1.34E+09 | 4.977024 |
| 2.26E+09 | 1.933533 |
| 7.95E+09 | 1.285128 |
| 8.66E+09 | 1.052884 |
| 9.18E+09 | 3.853448 |
| 8.07E+09 | 1.90418 |
| 1.31E+09 | 2.323372 |
| 7.85E+09 | 3.406259 |
| 1.22E+09 | 0.394461 |
| 8.56E+09 | 2.900565 |
| 2.52E+09 | 3.727224 |
| 2.23E+09 | 1.60286 |
| 8.65E+09 | 1.003869 |
| 2.41E+09 | 3.834213 |
| 9.41E+09 | 1.676074 |
| 2.11E+09 | 1.993226 |
| 3.76E+09 | 2.919686 |
| 1.04E+09 | 2.774573 |
| 3.59E+09 | 2.46589 |
| 8.56E+09 | 4.943016 |
| 2.72E+09 | 2.292537 |

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| 9.52E+08 | 1.211856 |
| 9.25E+08 | 1.821099 |
| 7.2E+09 | 5.449119 |
| 9.32E+09 | 2.053511 |
| 8.57E+09 | 3.716174 |
| 5.38E+09 | 0.865952 |
| 7.78E+09 | 2.31034 |
| 3.99E+09 | 1.545306 |
| 7.91E+09 | 1.878767 |
| 9.43E+08 | 1.796137 |
| 8.03E+09 | 3.159866 |
| 2.82E+09 | 4.484657 |
| 1.23E+09 | 1.652794 |
| 7.26E+08 | 0.952441 |
| 7.95E+08 | 1.31293 |
| 3.39E+08 | 3.216277 |
| 1.33E+09 | 1.882022 |
| 7.55E+09 | 3.176236 |
| 6.14E+09 | 2.046279 |
| 6.47E+08 | 2.677813 |
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| 2.9E+09 | 1.729392 |
| 4.05E+09 | 1.657797 |
| 8.81E+09 | 2.366723 |
| 2.94E+08 | 4.678728 |
| 4.18E+09 | 1.637974 |
| 4.36E+09 | 1.163948 |
| 9.2E+09 | 2.325771 |
| 2.43E+09 | 1.330383 |
| 9.47E+09 | 2.108154 |
| 4.75E+08 | 1.657168 |
| 7.5E+09 | 1.720025 |
| 4.04E+09 | 2.418783 |
| 2.56E+09 | 2.094027 |
| 4.12E+09 | 1.823354 |
| 5.24E+08 | 3.467426 |
| 4.05E+09 | 1.919404 |
| 8.65E+09 | 1.830496 |
| 3.91E+09 | 2.443274 |
| 5.1E+08 | 2.437208 |
| 8.66E+09 | 1.83021 |
| 2.88E+09 | 2.916449 |
| 1.98E+09 | 4.391782 |
| 9.47E+09 | 1.439169 |
| 1.8E+09 | 1.725493 |
| 9.24E+09 | 2.778289 |
| 9.19E+09 | 2.3321 |

2.54E+09 4.656381
3.76E+09 3.07203
2.47E+09 2.470315
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8.94E+09 2.135253
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8.67E+09 2.08743
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5.85E+08 2.553394
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9.41E+09 1.99573
4.03E+09 3.496486
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1.77E+09 1.687738
9.41E+09 2.204394
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1.4E+09 2.23451
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5.56E+09 0.835109
1.7E+09 2.065581
8.08E+09 4.728691
2.89E+09 2.623383
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8.96E+09 2.317299
8.86E+09 1.430322
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9.31E+09 1.079682
6.45E+09 2.822439
1.23E+08 2.27515
7600065 1.789987
3.12E+09 2.200562
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7.86E+09 2.5251
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9.54E+09 2.665841
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4.12E+09 2.196335
2.51E+09 3.771472
1.54E+09 2.542135
6.63E+09 1.368727
7.4E+09 2.088423
9.52E+09 1.540127
1.31E+09 2.673898

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8.82E+09 3.043271
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7.23E+08 4.783586
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1.92E+09 1.801948
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3.4E+08 1.195327
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1.47E+09 2.335589
8.93E+09 2.071186
5.03E+09 1.610718
5.49E+09 7.291818
7.88E+09 1.427529
1.73E+09 3.095218
1.52E+09 1.851469
8.6E+09 1.85817
5.38E+09 2.687972
1.25E+09 2.277039
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3.31E+09 1.417096
9.76E+08 2.201765
8.82E+09 1.640387
2.13E+09 1.547956
1.18E+09 1.647599
7.89E+09 2.398651
3.89E+09 2.634834
3.63E+09 4.166774
8.56E+09 3.758651
7.35E+09 1.333709
9.55E+08 1.3164
6.82E+09 1.570657
4.04E+09 1.57817
1.64E+09 5.330947
8.03E+09 2.355366
5.24E+09 2.366402

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| 1.12E+09 | 2.30425 |
| 9.54E+09 | 2.484069 |
| 4.23E+08 | 3.987592 |
| 4.02E+09 | 1.453945 |
| 7.9E+09 | 1.246869 |
| 2.98E+09 | 1.481057 |
| 1.07E+09 | 1.686709 |
| 4.46E+08 | 2.167249 |
| 7.94E+09 | 1.124551 |
| 3.58E+09 | 4.516092 |
| 8.69E+09 | 4.053037 |
| 6.12E+09 | 4.838558 |
| 3.92E+09 | 2.261522 |
| 2.03E+09 | 1.195399 |
| 4.33E+09 | 1.713172 |
| 1.32E+09 | 2.067565 |
| 9.27E+09 | 2.620078 |
| 9.83E+09 | 2.023397 |
| 7.52E+09 | 3.280492 |
| 5.32E+09 | 4.114378 |
| 3.94E+09 | 1.709934 |
| 1.56E+09 | 3.77494 |
| 9.51E+09 | 2.472893 |
| 6.16E+09 | 1.495792 |
| 9.51E+09 | 3.208749 |
| 3.87E+09 | 0.808895 |
| 9.26E+09 | 4.943939 |
| 2.52E+09 | 4.426679 |
| 6.87E+09 | 2.443443 |
| 3.78E+09 | 3.347707 |
| 4.24E+09 | 1.904678 |
| 2.89E+09 | 1.979488 |
| 2.75E+09 | 0.964363 |
| 5.42E+09 | 3.414535 |
| 3.63E+09 | 3.557512 |
| 2.46E+09 | 1.886385 |
| 5.11E+09 | 3.004059 |
| 7.53E+09 | 2.919169 |
| 6.29E+08 | 3.81405 |
| 8.65E+09 | 0.9925 |
| 7.96E+09 | 2.122497 |
| 1.84E+09 | 1.302098 |
| 4.25E+08 | 1.127062 |
| 9.48E+09 | 1.448688 |
| 7.91E+09 | 1.566975 |
| 6.38E+09 | 1.477096 |
| 6.05E+09 | 3.090143 |

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| 1.24E+09 | 1.004965 |
| 6.07E+09 | 4.653715 |
| 3.42E+09 | 1.369974 |
| 3.76E+09 | 1.587138 |
| 7.85E+09 | 1.840781 |
| 4.18E+09 | 3.985992 |
| 7.63E+09 | 0.820928 |
| 7.13E+09 | 1.400657 |
| 3.03E+09 | 6.166484 |
| 8.16E+09 | 2.10918 |
| 7.85E+09 | 2.875489 |
| 2.6E+09 | 2.523641 |
| 5.54E+09 | 2.611931 |
| 2.1E+09 | 2.10148 |
| 8.91E+09 | 1.503977 |
| 1.68E+09 | 3.248214 |
| 1.42E+09 | 3.007543 |
| 5.13E+09 | 1.802848 |
| 7.94E+09 | 1.518997 |
| 2.41E+09 | 2.881471 |
| 7.85E+09 | 3.471488 |
| 9.54E+09 | 2.983048 |
| 1.89E+09 | 1.439751 |
| 2.72E+09 | 1.595956 |
| 9.42E+09 | 2.698715 |
| 7.89E+09 | 2.428836 |
| 3.5E+09 | 0.939642 |
| 3.91E+09 | 2.080772 |
| 7.23E+08 | 3.098574 |
| 8.69E+09 | 3.319322 |
| 2.3E+09 | 2.469253 |
| 2.89E+09 | 1.286681 |
| 5.27E+09 | 1.73517 |
| 5.15E+09 | 2.445072 |
| 5.56E+09 | 3.967687 |
| 7.73E+09 | 3.900443 |
| 7.5E+09 | 5.23258 |
| 8.58E+09 | 2.564822 |
| 7.13E+09 | 2.157435 |
| 9.55E+09 | 1.621278 |
| 1.55E+09 | 2.667646 |
| 2.65E+09 | 1.652762 |
| 3.34E+09 | 1.327653 |
| 7.85E+09 | 2.603479 |
| 9.43E+08 | 1.281904 |
| 7.2E+09 | 4.118082 |
| 3.56E+09 | 2.519402 |

3.89E+09 2.159932
7.45E+09 1.451425
7.17E+09 2.72965
4.38E+08 2.697105
9.28E+08 2.134305
3.83E+09 2.814249
3.85E+09 3.156453
6.68E+09 1.074017
1.77E+09 1.653189
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2.01E+09 1.949198
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5.45E+09 5.067699
5.52E+09 1.739984
3.57E+08 3.766849
2.54E+09 2.61148
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2.45E+09 3.375127
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1.12E+09 4.206535
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1.31E+09 2.619748
3.3E+09 1.284443
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5.1E+09 1.336353
2.62E+09 3.15105
6.37E+09 1.883568
4.31E+09 2.856185
2.77E+09 1.818026
2.5E+09 0.799793
7.2E+09 4.135353
3.52E+09 3.868902
8.24E+08 5.195207
9.35E+09 3.977445
7.23E+09 1.327541
6.02E+09 1.53468
5.44E+09 2.213531
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7.2E+09 1.722693
6.3E+08 3.324455
1.32E+09 0.970561
4.18E+08 0.808184

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| 6.3E+09 | 1.102649 |
| 4.14E+09 | 5.00258 |
| 3.02E+09 | 2.168279 |
| 8.7E+09 | 1.396221 |
| 2.8E+09 | 2.886957 |
| 7.35E+09 | 2.691198 |
| 8.56E+09 | 3.145948 |
| 2.59E+09 | 3.296893 |
| 4.14E+09 | 5.030443 |
| 9.83E+09 | 1.498298 |
| 2.42E+09 | 1.974144 |
| 7.22E+09 | 1.013576 |
| 3.86E+09 | 5.15595 |
| 3.22E+09 | 1.827148 |
| 3.87E+09 | 1.487947 |
| 1.23E+08 | 1.462176 |
| 3.05E+08 | 2.965831 |
| 2.14E+09 | 2.49535 |
| 7.5E+09 | 3.497434 |
| 2.44E+09 | 1.121189 |
| 8.73E+09 | 3.056339 |
| 3.3E+09 | 1.111428 |
| 9.24E+09 | 3.706044 |
| 1.18E+09 | 1.156629 |
| 5.54E+09 | 2.508186 |
| 9.21E+09 | 2.102716 |
| 2.62E+09 | 2.505966 |
| 7.13E+09 | 1.557717 |
| 6.43E+09 | 1.432202 |
| 6.08E+09 | 2.550243 |
| 7.14E+09 | 2.259942 |
| 3.9E+09 | 2.96074 |
| 7.63E+09 | 1.751622 |
| 9.43E+09 | 2.718173 |
| 1.39E+09 | 1.740002 |
| 9.13E+09 | 0.714607 |
| 4.22E+09 | 2.86383 |
| 1.11E+09 | 2.889238 |
| 3.34E+09 | 1.323013 |
| 7.5E+09 | 3.762643 |
| 2.03E+09 | 1.422053 |
| 7.53E+09 | 3.32262 |
| 7.3E+09 | 0.756085 |
| 2.59E+09 | 3.102592 |
| 2.77E+09 | 1.032068 |
| 5.49E+09 | 3.183015 |
| 2.47E+09 | 1.748713 |

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| 3.83E+09 | 2.587069 |
| 2.31E+09 | 3.366147 |
| 8.9E+09 | 3.383045 |
| 1.78E+09 | 1.901517 |
| 8.84E+09 | 1.27381 |
| 4.04E+09 | 1.887448 |
| 1.34E+09 | 4.75373 |
| 7.97E+09 | 2.256101 |
| 6.86E+08 | 3.617008 |
| 1.18E+09 | 1.088806 |
| 1.66E+09 | 3.659871 |
| 7.86E+09 | 2.418198 |
| 4.15E+09 | 2.807973 |
| 3.3E+09 | 2.429767 |
| 1.78E+09 | 3.693136 |
| 2.04E+08 | 3.25673 |
| 6.67E+09 | 3.055824 |
| 8.73E+09 | 2.199428 |
| 2.27E+09 | 1.98376 |
| 1000102 | 2.768055 |
| 4.2E+09 | 2.894903 |
| 3.38E+09 | 1.78004 |
| 7.86E+09 | 3.365676 |
| 9.28E+09 | 4.000066 |
| 1.25E+09 | 1.513744 |
| 4.24E+09 | 1.205 |
| 3.31E+09 | 1.264581 |
| 2.52E+09 | 4.096693 |
| 2.02E+09 | 1.541703 |
| 3.21E+09 | 1.85143 |
| 2.62E+09 | 2.213283 |
| 5.26E+08 | 2.333439 |
| 8.08E+09 | 3.217201 |
| 7.5E+09 | 3.096601 |
| 3.88E+09 | 2.226632 |
| 9.27E+09 | 1.494783 |
| 8.09E+09 | 3.310554 |
| 2.72E+09 | 2.718859 |
| 3.64E+09 | 1.385185 |
| 1.32E+09 | 5.445909 |
| 5.61E+09 | 5.412408 |
| 8.25E+08 | 4.5566 |
| 6.08E+09 | 1.495303 |
| 9.16E+09 | 2.069431 |
| 1.43E+09 | 1.470586 |
| 5.21E+09 | 2.070968 |
| 9.48E+09 | 2.021662 |

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| 2.93E+09 | 3.315801 |
| 2.62E+09 | 3.872567 |
| 1.56E+09 | 3.605655 |
| 2.9E+09 | 2.425068 |
| 3.03E+09 | 3.330871 |
| 4.03E+09 | 1.164522 |
| 3.36E+09 | 1.454383 |
| 2.39E+09 | 0.856752 |
| 7.55E+09 | 1.532224 |
| 5.35E+09 | 1.519353 |
| 8.91E+09 | 1.369669 |
| 7.2E+09 | 1.891362 |
| 9.27E+09 | 1.077906 |
| 8.08E+08 | 2.941242 |
| 2.49E+09 | 2.1948 |
| 8.73E+09 | 1.197246 |
| 5.38E+09 | 2.067043 |
| 6.62E+09 | 2.444289 |
| 5.42E+09 | 3.471237 |
| 1.86E+09 | 1.744864 |
| 2.13E+09 | 2.083657 |
| 4.14E+09 | 2.681457 |
| 8.08E+09 | 5.213216 |
| 6.87E+08 | 2.534274 |
| 5.56E+09 | 4.023321 |
| 7.98E+08 | 2.061799 |
| 5.6E+09 | 2.403623 |
| 7.15E+09 | 4.049034 |
| 8.13E+09 | 2.07752 |
| 2.78E+09 | 2.85313 |
| 7.01E+09 | 1.009155 |
| 2.42E+09 | 2.84556 |
| 8.14E+09 | 2.514943 |
| 6.6E+09 | 2.266578 |
| 2.9E+08 | 3.356109 |
| 1.42E+09 | 1.243093 |
| 7.3E+09 | 1.676659 |
| 3.76E+09 | 1.45255 |
| 7.96E+08 | 1.154831 |
| 7.24E+09 | 5.055023 |
| 7.2E+09 | 4.22615 |
| 9.29E+09 | 3.007604 |
| 2.06E+09 | 1.594763 |
| 6.41E+09 | 3.93052 |
| 5.32E+09 | 5.467321 |
| 6.15E+09 | 1.956373 |
| 5.63E+09 | 3.232051 |

7.38E+09 3.093602
9.56E+09 3.768865
4.15E+09 1.093285
3.75E+09 1.296717
5.3E+09 2.845731
3.57E+08 1.962725
7.28E+09 2.247351
3.74E+09 1.264018
6.82E+09 1.969662
7.44E+09 1.406993
3.3E+09 2.546567
1.53E+09 1.324806
3.29E+09 1.144206
8.86E+09 1.566972
5.47E+09 2.832638
8.08E+09 1.84757
6.15E+09 0.99053
8.95E+09 1.113148
1.09E+09 3.160547
4.01E+09 2.104393
2.29E+09 2.187549
5.46E+08 2.964547
4.05E+09 1.457892
7.2E+09 2.989469
7.52E+09 2.465074
3.83E+09 2.590596
1.31E+09 1.431532
2.88E+09 1.127128
3.22E+09 5.067789
9.17E+09 2.060418
9.51E+09 3.447635
8.81E+09 4.036806
3.9E+09 3.373697
2.57E+09 3.35354
1.22E+09 2.180486
6.43E+09 0.974966
5.63E+09 2.43292
8.25E+08 1.451893
2.39E+09 4.275274
7.88E+09 2.247884
1.72E+09 0.497322
2.47E+09 2.164364
5.63E+09 1.827662
5.52E+09 3.709241
2.56E+09 2.060864
8.08E+09 2.768825
9.48E+09 1.542159

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| 8.83E+09 | 3.31001 |
| 3.56E+09 | 1.029832 |
| 3.03E+09 | 2.341811 |
| 1.33E+09 | 2.849685 |
| 2.48E+09 | 2.510632 |
| 6.07E+09 | 1.322807 |
| 6200017 | 1.451134 |
| 8.15E+09 | 4.043161 |
| 3.36E+09 | 1.557947 |
| 7.52E+09 | 2.220136 |
| 8E+09 | 2.369266 |
| 8.68E+09 | 1.56418 |
| 3.62E+09 | 4.119571 |
| 3.76E+09 | 2.328231 |
| 7.94E+09 | 2.265302 |
| 9.23E+08 | 3.212009 |
| 2.18E+08 | 2.393081 |
| 5.42E+09 | 1.557209 |
| 8.56E+09 | 2.559203 |
| 2.21E+09 | 2.402385 |
| 2.31E+09 | 2.696149 |
| 8.58E+09 | 2.471753 |
| 8.65E+09 | 0.928735 |
| 3.33E+09 | 1.304681 |
| 8.11E+09 | 1.370104 |
| 7.85E+09 | 1.764326 |
| 1.86E+09 | 2.29479 |
| 5.23E+09 | 1.796621 |
| 1.57E+09 | 1.662114 |
| 7.56E+09 | 2.717195 |
| 7.52E+09 | 1.386135 |
| 3.32E+09 | 6.585493 |
| 8.08E+08 | 2.571612 |
| 66000265 | 0.894891 |
| 2.88E+09 | 1.028795 |
| 1.52E+09 | 2.228351 |
| 3.63E+09 | 5.407163 |
| 3.26E+09 | 1.339258 |
| 3.21E+09 | 1.56303 |
| 8.08E+08 | 2.7518 |
| 2.78E+09 | 2.189805 |
| 9.29E+09 | 3.779041 |
| 2.56E+09 | 1.264281 |
| 8.86E+09 | 1.604734 |
| 4.39E+09 | 1.742102 |
| 3.86E+09 | 3.124116 |
| 1.18E+09 | 1.804763 |

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| 6.08E+09 | 2.023675 |
| 7.99E+09 | 1.325565 |
| 8.03E+09 | 2.195295 |
| 3.21E+09 | 2.365507 |
| 7.56E+09 | 2.149235 |
| 7.85E+09 | 2.919329 |
| 5.24E+08 | 2.645145 |
| 3.36E+09 | 0.615349 |
| 6.12E+09 | 1.380194 |
| 5.6E+09 | 1.316156 |
| 4.14E+09 | 2.101524 |
| 5.31E+09 | 1.995698 |
| 1.8E+09 | 2.63832 |
| 1.19E+09 | 3.066164 |
| 9.24E+09 | 3.17534 |
| 3.63E+09 | 4.594438 |
| 1.25E+09 | 1.735109 |
| 7.8E+09 | 3.813127 |
| 8.64E+09 | 2.044734 |
| 9.48E+09 | 1.769227 |
| 5.25E+09 | 1.660905 |
| 40000553 | 1.58152 |
| 3.2E+09 | 2.886579 |
| 2.6E+09 | 2.2483 |
| 2.72E+09 | 1.667894 |
| 3.74E+09 | 3.352351 |
| 7.53E+09 | 1.578112 |
| 3.71E+09 | 2.026672 |
| 6.17E+09 | 6.546117 |
| 8.13E+09 | 4.281089 |
| 3.76E+09 | 3.929448 |
| 6.07E+09 | 3.920251 |
| 4.02E+09 | 2.564659 |
| 3.89E+09 | 2.19101 |
| 4.11E+09 | 4.138517 |
| 2.91E+09 | 3.422866 |
| 3.84E+08 | 1.418077 |
| 1.01E+09 | 2.184877 |
| 8.86E+09 | 2.131714 |
| 3.45E+09 | 3.049026 |
| 6.71E+09 | 1.975412 |
| 2.26E+09 | 5.821481 |
| 7.27E+09 | 2.835706 |
| 1.28E+09 | 3.791402 |
| 2.62E+09 | 1.869375 |
| 4.17E+09 | 2.926431 |
| 8.73E+09 | 1.853463 |

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| 2.6E+09 | 1.758117 |
| 7.57E+09 | 3.004861 |
| 1.83E+09 | 2.779116 |
| 4.44E+09 | 2.42433 |
| 7.81E+09 | 2.527218 |
| 3.35E+09 | 3.410135 |
| 1.56E+09 | 5.072202 |
| 3.63E+09 | 2.059357 |
| 3.78E+09 | 1.027939 |
| 5.56E+09 | 5.588916 |
| 1.9E+09 | 2.052241 |
| 2.12E+09 | 2.257149 |
| 6.31E+08 | 1.916131 |
| 2.93E+08 | 1.715434 |
| 8.12E+09 | 1.217067 |
| 3.21E+09 | 1.154152 |
| 2.48E+09 | 1.644347 |
| 1.65E+09 | 5.253519 |
| 3.96E+09 | 3.246101 |
| 7.91E+09 | 1.296615 |
| 3.12E+09 | 1.762496 |
| 3.97E+09 | 1.15032 |
| 1.42E+09 | 1.538769 |
| 6.79E+09 | 1.718161 |
| 9.1E+08 | 0.829721 |
| 3.75E+09 | 2.709107 |
| 9.46E+08 | 1.605046 |
| 7.75E+09 | 3.110347 |
| 2.56E+08 | 2.270381 |
| 5.15E+09 | 2.248716 |
| 5.42E+09 | 2.680081 |
| 2.87E+08 | 2.198829 |
| 7.59E+09 | 1.081108 |
| 8.12E+09 | 2.25964 |
| 6.89E+09 | 4.996446 |
| 7.58E+09 | 2.481139 |
| 4.24E+09 | 1.716185 |
| 4.05E+09 | 1.649905 |
| 2.94E+09 | 4.819307 |
| 3.45E+09 | 3.286218 |
| 7.2E+09 | 1.465832 |
| 8.67E+09 | 2.783805 |
| 1.78E+09 | 2.290266 |
| 1.12E+09 | 3.570861 |
| 8.91E+09 | 0.987059 |
| 1.17E+08 | 1.957652 |
| 9.28E+09 | 2.573652 |

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| 2.8E+09 | 2.371497 |
| 1.23E+08 | 2.465214 |
| 1.31E+09 | 1.83152 |
| 1.24E+09 | 4.645708 |
| 7.55E+09 | 2.002181 |
| 6.89E+09 | 4.336288 |
| 6.07E+09 | 1.897529 |
| 3.23E+09 | 1.052318 |
| 1.44E+09 | 3.536535 |
| 23500190 | 2.996229 |
| 6.02E+09 | 1.681437 |
| 4.17E+09 | 1.096038 |
| 7.92E+08 | 0.881924 |
| 9.56E+09 | 1.320362 |
| 3.84E+09 | 3.335859 |
| 3.88E+09 | 3.603208 |
| 1.33E+09 | 2.207036 |
| 5.01E+09 | 1.188229 |
| 7.58E+09 | 1.877821 |
| 7.69E+09 | 1.440886 |
| 2.52E+09 | 8.902928 |
| 4.29E+09 | 1.689241 |
| 2.73E+09 | 0.935962 |
| 3.53E+09 | 2.852961 |
| 3.3E+09 | 1.537492 |
| 1.27E+09 | 1.324676 |
| 7.28E+09 | 0.888199 |
| 8.56E+09 | 3.623342 |
| 3.76E+09 | 5.699926 |
| 2.88E+09 | 3.217935 |
| 7.94E+09 | 2.456941 |
| 6.07E+09 | 3.47895 |
| 6.45E+09 | 4.422748 |
| 2.92E+09 | 6.375833 |
| 6.75E+09 | 1.809655 |
| 7.21E+09 | 2.917936 |
| 1.09E+09 | 3.016593 |
| 7.13E+09 | 1.190918 |
| 6.15E+09 | 1.271323 |
| 9.52E+09 | 1.400102 |
| 1.86E+09 | 2.595618 |
| 2.79E+09 | 1.112201 |
| 6.07E+09 | 3.815891 |
| 2.91E+08 | 1.870861 |
| 1.25E+09 | 3.928388 |
| 2.63E+09 | 8.772885 |
| 1.33E+09 | 2.455102 |

6.45E+09 8.637055
8.65E+09 0.793672
3.52E+09 3.998676
3.23E+09 6.202121
7.55E+09 1.346455
1.44E+09 3.099977
1.78E+09 3.490888
5.24E+09 1.302452
3.39E+09 1.573652
1.95E+09 2.43247
1.03E+09 1.237787
1.68E+09 1.928433
1.94E+09 2.942552
2.02E+09 3.651609
9.93E+08 0.985588
2.78E+09 1.638663
2.54E+09 2.084049
2.92E+09 2.801499
2.79E+09 3.316688
8.65E+09 2.451314
1.01E+08 1.200723
1.44E+09 5.083799
3.89E+09 1.933016
1.73E+08 2.140462
5.15E+09 4.552524
3.01E+09 2.453348
2.09E+09 2.334407
1.84E+09 1.550432
1.05E+09 1.953152
1.33E+09 1.990547
8.89E+09 2.134391
5.33E+09 2.561349
7.14E+09 2.137252
5.47E+09 2.712641
2.44E+09 1.91998
5.14E+09 2.725496
1.07E+09 4.207935
5.38E+09 3.108026
7.45E+09 0.848477
7.94E+09 2.536017
1.73E+09 4.125417
9.41E+09 2.285212
5.57E+09 3.108583
3.18E+09 1.415668
3.62E+09 1.14953
7.84E+09 2.293182
3.3E+09 2.764352

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|----------|----------|
| 7.74E+09 | 3.361539 |
| 6.1E+09 | 1.109366 |
| 7.47E+09 | 1.246725 |
| 3.96E+08 | 1.979856 |
| 1.16E+09 | 1.297082 |
| 6.3E+09 | 1.4747 |
| 6.39E+09 | 0.866736 |
| 7.39E+09 | 2.334239 |
| 1.12E+09 | 2.060554 |
| 9.83E+09 | 1.88244 |
| 7.72E+09 | 1.705717 |
| 8.56E+09 | 3.261054 |
| 5.64E+09 | 1.810418 |
| 5.56E+09 | 4.18511 |
| 1.19E+09 | 1.251815 |
| 2.41E+09 | 2.011771 |
| 1.07E+09 | 1.664298 |
| 5.16E+09 | 2.270279 |
| 2.77E+09 | 1.817931 |
| 5.1E+09 | 3.159959 |
| 8.2E+08 | 1.833768 |
| 7.51E+08 | 1.239345 |
| 1.82E+09 | 2.767924 |
| 7.43E+09 | 6.797857 |
| 3.33E+09 | 2.055426 |
| 1.78E+09 | 2.593356 |
| 3.63E+09 | 2.156975 |
| 1.55E+09 | 2.368994 |
| 3.26E+09 | 2.467544 |
| 6.82E+09 | 1.197618 |
| 4.14E+08 | 2.624737 |
| 1.33E+09 | 1.710147 |
| 4.06E+09 | 4.625703 |
| 1.23E+09 | 16.51731 |
| 2.3E+09 | 1.916042 |
| 2.82E+09 | 1.259601 |
| 3.4E+09 | 2.081323 |
| 5.14E+09 | 1.1217 |
| 8.09E+08 | 2.575741 |
| 7.33E+09 | 1.890326 |
| 4.21E+08 | 0.96411 |
| 2.62E+09 | 5.639844 |
| 1.13E+09 | 2.834026 |
| 7.06E+08 | 2.52657 |
| 7.31E+09 | 3.487285 |
| 1.27E+09 | 1.277942 |
| 9.26E+09 | 2.555 |

6.82E+09 5.893327
5.11E+09 1.651069
7.85E+09 1.250442
7.23E+09 1.509378
5.45E+09 2.964624
4.14E+09 2.032513
3.54E+09 1.51404
7.74E+09 3.375907
3.54E+09 2.411887
5.38E+09 2.367045
6.66E+09 2.307202
6.06E+09 1.909771
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8.65E+09 2.303051
5.69E+09 3.520706
5.42E+09 3.297107
3.2E+09 1.127075
3.43E+09 2.164734
7.86E+09 4.46743
2.95E+09 6.250997
2.33E+09 4.583456
9.53E+09 2.88323
7.7E+09 2.39965
7.24E+09 4.716787
2.01E+09 1.774794
1.12E+09 3.558049
1.78E+09 3.817869
3.46E+09 9.327931
2.62E+09 3.199937
1.77E+09 1.741373
1.32E+09 2.80865
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3.83E+09 2.574728
7.13E+09 1.736382
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2.79E+09 2.331906
4.24E+08 4.488107

9.55E+09 2.788471
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3.3E+09 2.355705
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7.89E+09 1.771535
3.33E+09 2.217484
6.3E+09 2.708601
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3.35E+09 2.928195
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9.29E+09 2.333693
6.65E+09 3.245488
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2.39E+09 1.440975
8.13E+09 1.98098
7.87E+09 1.455139
1.5E+09 2.349652
3.86E+09 1.959924
9.21E+09 1.224053

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| 9.52E+08 | 1.17681 |
| 2.32E+09 | 3.195308 |
| 1.78E+09 | 2.170358 |
| 5.7E+09 | 2.202062 |
| 4.03E+09 | 2.137773 |
| 7.8E+09 | 2.71718 |
| 9.28E+09 | 5.270013 |
| 3.88E+09 | 1.789978 |
| 2.93E+09 | 1.945973 |
| 9.36E+09 | 4.190206 |
| 3.33E+09 | 1.152972 |
| 4.03E+09 | 2.087078 |
| 3.2E+09 | 2.16823 |
| 5.42E+09 | 3.349778 |
| 1.44E+09 | 3.127618 |
| 2.81E+09 | 1.18818 |
| 1.24E+09 | 2.044927 |
| 2.59E+09 | 1.540791 |
| 7.14E+09 | 1.838745 |
| 1.33E+09 | 1.597773 |
| 3.53E+09 | 2.598635 |
| 1.62E+09 | 4.026636 |
| 4.08E+09 | 1.673747 |
| 1.87E+09 | 2.870307 |
| 1.77E+09 | 1.203762 |
| 7.21E+09 | 2.354898 |
| 3.86E+09 | 1.667768 |
| 7.17E+09 | 1.6941 |
| 4.04E+09 | 1.370441 |
| 9.58E+09 | 3.815864 |
| 3.35E+09 | 2.355283 |
| 4.52E+08 | 1.457234 |
| 7.91E+09 | 2.216263 |
| 9.38E+09 | 1.982512 |
| 8.74E+08 | 2.467306 |
| 8.68E+09 | 1.649518 |
| 7.23E+09 | 0.761907 |
| 2.39E+09 | 1.89371 |
| 3.22E+09 | 2.233006 |
| 4.31E+09 | 2.560762 |
| 3.21E+09 | 4.831798 |
| 7.26E+08 | 3.818145 |
| 4.24E+08 | 4.625736 |
| 6.87E+09 | 1.908248 |
| 1.16E+09 | 1.86508 |
| 4.14E+09 | 5.895202 |
| 8.19E+08 | 1.405206 |

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| 8E+09 | 1.035439 |
| 4.1E+09 | 2.498436 |
| 4.05E+09 | 1.928763 |
| 8.86E+09 | 1.372271 |
| 8.68E+09 | 2.555336 |
| 5.38E+09 | 0.930487 |
| 9.21E+09 | 1.939647 |
| 2.34E+09 | 2.18959 |
| 1.42E+09 | 2.38533 |
| 4.04E+09 | 1.774799 |
| 3.94E+09 | 1.96352 |
| 3.44E+09 | 2.469424 |
| 7.63E+09 | 1.57196 |
| 3.91E+09 | 1.823684 |
| 2.22E+09 | 1.508581 |
| 3.03E+09 | 1.593813 |
| 8.02E+09 | 1.294018 |
| 8.56E+09 | 1.006941 |
| 9.55E+09 | 1.522615 |
| 7.52E+09 | 1.713317 |
| 1.82E+09 | 1.496349 |
| 8.92E+09 | 3.579595 |
| 6.65E+09 | 4.893358 |
| 2.4E+09 | 2.35795 |
| 42000127 | 2.318057 |
| 5.1E+09 | 1.920637 |
| 7.35E+09 | 1.76638 |
| 1.84E+09 | 1.202326 |
| 1.25E+09 | 1.935162 |
| 9.46E+09 | 2.307823 |
| 3.36E+09 | 1.432814 |
| 6.82E+09 | 2.120607 |
| 8.65E+09 | 1.656833 |
| 1.56E+09 | 2.990749 |
| 40000228 | 0.870933 |
| 7.3E+09 | 3.198121 |
| 4.3E+09 | 3.480394 |
| 2.63E+09 | 2.452535 |
| 6.62E+08 | 3.225364 |
| 1.91E+09 | 2.723726 |
| 7.89E+09 | 1.447999 |
| 2.52E+09 | 5.156551 |
| 9.24E+08 | 3.7413 |
| 1.59E+09 | 2.564511 |
| 98000060 | 6.419675 |
| 6.39E+09 | 1.984035 |
| 2.72E+09 | 1.583829 |

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| 8.02E+09 | 2.904033 |
| 2.14E+09 | 2.559435 |
| 3.28E+09 | 2.048015 |
| 7.24E+09 | 5.098457 |
| 6.26E+08 | 3.412616 |
| 4.32E+09 | 0.974573 |
| 1.42E+09 | 2.378452 |
| 9.52E+09 | 1.470754 |
| 7.33E+09 | 1.721385 |
| 8.82E+09 | 2.781671 |
| 8.94E+09 | 2.253074 |
| 1E+08 | 1.617289 |
| 8.07E+09 | 1.229659 |
| 1.84E+09 | 3.520782 |
| 6.65E+09 | 2.840167 |
| 9.53E+09 | 2.198529 |
| 2.88E+09 | 2.341896 |
| 4.22E+09 | 2.66695 |
| 1.02E+09 | 4.389 |
| 6.4E+09 | 3.543262 |
| 5.02E+09 | 2.292667 |
| 8.08E+09 | 2.342727 |
| 7.97E+09 | 1.982004 |
| 1.96E+09 | 2.124597 |
| 7.22E+09 | 0.932614 |
| 2.74E+08 | 1.910156 |
| 2.71E+09 | 3.860441 |
| 4.08E+09 | 1.097197 |
| 3.03E+09 | 3.010343 |
| 7.86E+09 | 4.511613 |
| 8.71E+08 | 1.819092 |
| 8.02E+09 | 2.514378 |
| 2.63E+09 | 5.176021 |
| 2.32E+09 | 4.490665 |
| 5.45E+09 | 4.90666 |
| 1.82E+09 | 3.740835 |
| 2.46E+09 | 1.949927 |
| 6.68E+09 | 1.923235 |
| 2.42E+09 | 2.208193 |
| 1.25E+09 | 0.678053 |
| 5.59E+09 | 1.239991 |
| 2.02E+09 | 4.407404 |
| 4.3E+09 | 1.319642 |
| 1.33E+09 | 2.343489 |
| 3.44E+09 | 2.457573 |
| 5.45E+09 | 2.647376 |
| 1.23E+08 | 2.6193 |

8.69E+09 4.427259
6.45E+09 1.606883
1.14E+08 2.529882
9.21E+09 1.297471
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6.3E+09 1.589266
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1.02E+09 0.832441
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7.85E+09 4.351717
5.32E+09 2.810277
4.08E+09 1.064017
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4.23E+09 1.314134
3.85E+09 2.967601
1.84E+09 2.36947
3.81E+09 2.423335
7.14E+09 2.066831
1.23E+09 1.499394
5.1E+09 2.175824
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8.65E+09 1.388177
6.14E+09 0.742597
23520380 2.082451
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5.1E+09 2.446346
2.02E+09 2.605953
5.47E+09 3.358232
9.21E+09 1.568356
3.3E+09 1.085445
2.81E+09 1.083923
7.3E+09 4.223381
7.2E+09 1.913337
3.21E+09 1.911637
1.59E+09 2.541631
2.83E+09 1.557221
2.48E+09 2.886665
4.36E+09 2.44705

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| 6.39E+09 | 2.973119 |
| 7.44E+09 | 1.778432 |
| 1.82E+09 | 4.470537 |
| 9.43E+09 | 2.348124 |
| 2.21E+09 | 1.585237 |
| 6.06E+09 | 1.399517 |
| 3.21E+09 | 2.320094 |
| 6.14E+09 | 2.032195 |
| 7.23E+08 | 2.400074 |
| 4.12E+09 | 2.067248 |
| 2.47E+09 | 3.311408 |
| 6.13E+09 | 2.910945 |
| 2.73E+09 | 0.913484 |
| 3.57E+09 | 2.654442 |
| 3.13E+09 | 1.924777 |
| 6.69E+08 | 3.142844 |
| 1.14E+09 | 0.738109 |
| 3.83E+09 | 3.161676 |
| 7.3E+09 | 3.320091 |
| 9.41E+09 | 1.805604 |
| 3.68E+09 | 1.43293 |
| 6.42E+08 | 2.602535 |
| 9.17E+09 | 1.826226 |
| 8.09E+09 | 2.570924 |
| 9.55E+09 | 1.643869 |
| 4.15E+09 | 0.977335 |
| 6.64E+09 | 2.59852 |
| 1.42E+09 | 2.59901 |
| 3.34E+09 | 1.764379 |
| 9.27E+09 | 0.734479 |
| 1.78E+09 | 1.325349 |
| 9.21E+09 | 1.992197 |
| 1.85E+09 | 3.741115 |
| 2.77E+09 | 1.392645 |
| 2.21E+09 | 1.328751 |
| 2.56E+09 | 3.054126 |
| 11520200 | 3.662389 |
| 3.83E+09 | 1.713774 |
| 2.57E+09 | 2.830462 |
| 5.23E+09 | 1.189686 |
| 6.45E+09 | 3.103631 |
| 5.04E+09 | 3.410734 |
| 7.85E+09 | 4.718929 |
| 5.41E+09 | 0.866198 |
| 7.2E+09 | 3.075605 |
| 4.3E+09 | 1.538243 |
| 7.94E+09 | 1.101372 |

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| 3.63E+09 | 4.402542 |
| 1.42E+09 | 3.480981 |
| 5.25E+08 | 1.963429 |
| 3.31E+09 | 1.614907 |
| 2.19E+09 | 1.68568 |
| 7.98E+09 | 1.516651 |
| 4.03E+09 | 2.222542 |
| 1.76E+09 | 1.763102 |
| 2.75E+09 | 1.515349 |
| 3.22E+08 | 3.048055 |
| 1.9E+09 | 0.774822 |
| 3.36E+09 | 1.237973 |
| 1.6E+09 | 1.937613 |
| 9.42E+09 | 2.147654 |
| 7.79E+09 | 1.934101 |
| 1.57E+09 | 1.834541 |
| 3.86E+09 | 1.735635 |
| 2.52E+09 | 1.354497 |
| 3.01E+09 | 1.20003 |
| 4.19E+09 | 3.911752 |
| 9.41E+09 | 2.271407 |
| 3.9E+09 | 3.452506 |
| 9.51E+09 | 2.197792 |
| 3.37E+09 | 1.146984 |
| 3.43E+09 | 1.239589 |
| 4.25E+09 | 2.962131 |
| 2.77E+09 | 1.815963 |
| 2.92E+09 | 3.145907 |
| 9.18E+09 | 2.67944 |
| 5.28E+09 | 1.332654 |
| 3.91E+09 | 2.134735 |
| 2.46E+09 | 3.360574 |
| 3.35E+09 | 3.532886 |
| 1.87E+09 | 2.995839 |
| 9.26E+09 | 2.440553 |
| 3.45E+09 | 2.725752 |
| 2.31E+09 | 1.541852 |
| 7.52E+09 | 1.951326 |
| 9.37E+09 | 1.443353 |
| 1.14E+09 | 2.439276 |
| 2.02E+09 | 1.374944 |
| 2.14E+09 | 2.329358 |
| 9.54E+09 | 2.03157 |
| 2.42E+09 | 1.628642 |
| 5.21E+09 | 1.604124 |
| 4.44E+09 | 1.899757 |
| 7.29E+09 | 3.80903 |

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| 9.83E+09 | 0.680396 |
| 3.28E+09 | 2.107156 |
| 6.93E+09 | 1.729493 |
| 7.51E+09 | 4.123861 |
| 6.82E+09 | 2.550958 |
| 8.96E+09 | 2.613488 |
| 6.82E+09 | 2.35968 |
| 1.23E+09 | 2.870942 |
| 2.81E+09 | 5.840383 |
| 1.72E+09 | 1.649428 |
| 6.38E+09 | 2.124779 |
| 8.93E+09 | 2.018071 |
| 8.56E+09 | 2.509363 |
| 8.65E+09 | 2.983601 |
| 2.13E+09 | 1.783543 |
| 8.81E+09 | 3.438222 |
| 6.65E+09 | 2.756599 |
| 4.02E+09 | 2.753251 |
| 1.16E+09 | 2.056745 |
| 6.06E+09 | 2.671578 |
| 3.36E+09 | 0.816538 |
| 9.56E+09 | 3.712913 |
| 7.31E+09 | 1.958846 |
| 7.14E+09 | 2.732242 |
| 7.85E+09 | 1.007457 |
| 1.31E+09 | 2.476749 |
| 2.84E+08 | 2.620133 |
| 1.51E+09 | 2.147219 |
| 3.44E+09 | 0.947973 |
| 9.41E+09 | 2.717056 |
| 5.1E+09 | 1.871522 |
| 8.92E+09 | 5.351755 |
| 8.09E+08 | 1.814153 |
| 2.29E+09 | 1.603347 |
| 6.44E+08 | 3.586658 |
| 6.7E+09 | 1.99282 |
| 5.63E+09 | 3.617671 |
| 1.05E+08 | 2.507839 |
| 6.41E+09 | 1.197541 |
| 2.56E+09 | 2.678432 |
| 1.47E+09 | 2.977966 |
| 8.91E+09 | 3.529147 |
| 5.65E+09 | 1.254712 |
| 7.85E+09 | 4.262954 |
| 6.16E+09 | 1.862214 |
| 5.22E+09 | 3.557821 |
| 6.35E+09 | 3.264478 |

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| 3.91E+09 | 2.81797 |
| 8.83E+09 | 1.692588 |
| 5.47E+09 | 2.471142 |
| 9.41E+09 | 3.548921 |
| 1.09E+08 | 1.660317 |
| 2.03E+09 | 5.494211 |
| 1.94E+09 | 3.164645 |
| 7.52E+09 | 8.396161 |
| 3.76E+09 | 1.256576 |
| 2.47E+09 | 4.497448 |
| 7.63E+09 | 1.218406 |
| 9.48E+09 | 2.262491 |
| 1.73E+09 | 1.856263 |
| 7.01E+09 | 1.363571 |
| 5.56E+09 | 3.097532 |
| 3.97E+09 | 1.052073 |
| 8.1E+09 | 2.915595 |
| 2.03E+09 | 2.365672 |
| 9.85E+08 | 1.815848 |
| 1.78E+09 | 1.359232 |
| 8.85E+09 | 2.66752 |
| 2.32E+09 | 2.856936 |
| 2.42E+09 | 2.362325 |
| 7.13E+09 | 2.44068 |
| 9.51E+09 | 1.514534 |
| 7200179 | 1.071276 |
| 5.49E+09 | 2.568628 |
| 9.53E+09 | 3.436624 |
| 1.97E+09 | 1.560701 |
| 4.15E+09 | 1.625819 |
| 4.05E+09 | 1.981632 |
| 9.83E+09 | 2.515048 |
| 8.16E+09 | 3.124515 |
| 2.89E+09 | 1.369048 |
| 3.43E+09 | 3.520215 |
| 7.39E+09 | 2.171255 |
| 6.3E+09 | 0.483677 |
| 6.38E+08 | 1.852766 |
| 4.11E+09 | 4.623556 |
| 5.37E+08 | 1.253292 |
| 9.85E+08 | 2.620634 |
| 1.14E+09 | 3.693866 |
| 7.23E+09 | 1.092402 |
| 3.91E+09 | 1.897737 |
| 8.1E+09 | 2.737055 |
| 1.35E+09 | 9.408887 |
| 1.44E+09 | 0.792344 |

5.49E+09 2.236045
1.95E+09 2.942888
8.12E+09 1.996247
3.66E+09 2.213065
5.1E+09 2.266643
4.26E+08 2.760438
9.27E+09 1.865084
8.73E+09 2.146365
3.33E+09 1.43417
7.6E+09 2.861541
8.09E+08 1.571927
4.36E+09 0.814712
1.11E+09 0.89319
1.18E+09 1.817439
3.32E+09 1.533637
9.29E+09 6.455076
3.01E+08 1.868618
4.25E+08 2.798806
8.84E+09 2.333225
7.1E+09 0.927777
7.7E+09 1.392744
9.81E+09 3.699428
3.76E+09 2.20563
3.26E+08 3.229398
4.02E+09 2.487009
7.22E+09 1.307978
1.56E+09 2.909433
7.26E+08 2.820913
8.96E+09 5.558614
4.05E+09 4.083665
8.56E+09 5.291381
1.78E+09 1.605967
9.53E+09 3.599143
8.1E+09 1.556948
1.59E+09 1.451399
2.31E+09 1.886004
3.9E+09 2.776922
4.07E+09 1.841681
8.73E+09 1.981892
6.79E+09 1.96244
7.66E+09 1.377973
2.57E+09 4.439481
7.7E+09 2.011189
8.56E+09 2.912175
4.02E+09 2.104348
7.34E+09 3.125448
6.79E+09 1.833112

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|----------|----------|
| 6.16E+08 | 2.361192 |
| 2.92E+09 | 1.72181 |
| 2.93E+09 | 3.134021 |
| 3.62E+09 | 2.478255 |
| 7.99E+09 | 2.827478 |
| 5.59E+09 | 2.411979 |
| 8.56E+08 | 2.602588 |
| 4.03E+09 | 2.627925 |
| 1.76E+09 | 1.666579 |
| 2.41E+09 | 4.137689 |
| 2.49E+09 | 1.791063 |
| 4.2E+08 | 1.406987 |
| 8.11E+09 | 3.580682 |
| 8.65E+09 | 2.275313 |
| 8.11E+09 | 3.272725 |
| 9.84E+09 | 1.889315 |
| 9.48E+09 | 1.852263 |
| 2.88E+09 | 0.927452 |
| 8.68E+08 | 4.455438 |
| 8.56E+09 | 3.667733 |
| 6.76E+09 | 1.57303 |
| 3.29E+09 | 0.885575 |
| 7.23E+09 | 1.599981 |
| 7.53E+09 | 2.661973 |
| 7.88E+09 | 5.600978 |
| 1.05E+08 | 2.770702 |
| 3.43E+09 | 3.568599 |
| 8.84E+09 | 8.278455 |
| 2.58E+09 | 3.903951 |
| 8.44E+08 | 2.126725 |
| 7.89E+09 | 2.231273 |
| 3.85E+09 | 3.904239 |
| 4.03E+09 | 3.048431 |
| 2.91E+08 | 1.648972 |
| 9.55E+09 | 1.964912 |
| 2.33E+09 | 2.149499 |
| 2.37E+09 | 1.880617 |
| 2.92E+09 | 1.971414 |
| 9.28E+09 | 2.370162 |
| 9.52E+09 | 3.048118 |
| 9.85E+08 | 1.672366 |
| 1.1E+09 | 1.485234 |
| 9.21E+09 | 3.539081 |
| 3.83E+09 | 4.063146 |
| 9.55E+09 | 2.495706 |
| 87000245 | 1.157016 |
| 5.04E+09 | 2.14708 |

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| 3.62E+09 | 1.402321 |
| 1.37E+09 | 1.691162 |
| 7.22E+08 | 2.770172 |
| 9.13E+09 | 1.75227 |
| 1.77E+09 | 1.149249 |
| 4E+09 | 1.867435 |
| 7.21E+09 | 2.016058 |
| 2.47E+09 | 2.375217 |
| 1.82E+09 | 3.062537 |
| 3.08E+09 | 2.590949 |
| 9.84E+08 | 2.380015 |
| 5.24E+08 | 5.36759 |
| 9.48E+09 | 3.36407 |
| 8.02E+09 | 2.037731 |
| 8.57E+09 | 1.632364 |
| 1.22E+09 | 1.829989 |
| 2.21E+09 | 2.089959 |
| 1.28E+09 | 2.137877 |
| 7.38E+09 | 1.628 |
| 3.22E+08 | 2.23575 |
| 2.91E+08 | 1.675228 |
| 7.24E+08 | 3.563894 |
| 5.26E+09 | 2.301869 |
| 1.93E+09 | 1.026643 |
| 4.43E+09 | 1.531808 |
| 2.88E+09 | 1.622272 |
| 8.64E+09 | 0.942369 |
| 5.41E+09 | 3.306981 |
| 8.08E+09 | 3.28536 |
| 8.95E+09 | 1.79577 |
| 8.82E+09 | 2.891856 |
| 3.18E+09 | 2.498784 |
| 2.13E+09 | 1.364159 |
| 2.62E+09 | 2.353538 |
| 4.01E+09 | 3.289989 |
| 7.85E+09 | 3.186509 |
| 2.11E+09 | 1.631143 |
| 3.44E+09 | 1.047347 |
| 6.85E+09 | 3.32039 |
| 3.35E+09 | 2.262015 |
| 4.16E+09 | 3.874351 |
| 8.15E+09 | 2.028463 |
| 5.16E+09 | 2.27052 |
| 3.82E+09 | 1.733357 |
| 7.34E+09 | 1.531473 |
| 3.36E+09 | 3.051691 |
| 8.02E+09 | 2.674967 |

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| 7.2E+09 | 3.903234 |
| 3.32E+09 | 2.204264 |
| 7.23E+09 | 0.899461 |
| 8.11E+09 | 6.896642 |
| 3.9E+09 | 4.16616 |
| 1E+09 | 1.516321 |
| 2.72E+09 | 1.390357 |
| 4.04E+09 | 1.851101 |
| 8.83E+09 | 1.327434 |
| 2.64E+09 | 2.569021 |
| 3.02E+08 | 1.069381 |
| 1.6E+09 | 2.05641 |
| 2.6E+09 | 2.760396 |
| 2.13E+09 | 1.504053 |
| 6.03E+08 | 2.738184 |
| 4.08E+09 | 3.053108 |
| 7.3E+09 | 4.056284 |
| 2.48E+09 | 2.855163 |
| 8.95E+09 | 1.705821 |
| 5.11E+09 | 2.871669 |
| 8.09E+09 | 2.309904 |
| 7.38E+09 | 1.689577 |
| 7.58E+09 | 2.743449 |
| 7.92E+09 | 1.836342 |
| 4.24E+09 | 1.242467 |
| 1.5E+09 | 3.500621 |
| 3.88E+09 | 2.538415 |
| 3.8E+09 | 0.813873 |
| 8.68E+08 | 3.533576 |
| 5.97E+08 | 1.828831 |
| 8.96E+09 | 3.346668 |
| 2.21E+09 | 1.846376 |
| 7.94E+09 | 1.050038 |
| 2.47E+09 | 2.480515 |
| 9.84E+09 | 1.542902 |
| 5.7E+09 | 5.303068 |
| 2.99E+09 | 1.692983 |
| 8.86E+09 | 2.248293 |
| 2.6E+09 | 2.030779 |
| 6.63E+09 | 3.737035 |
| 7.52E+09 | 1.469095 |
| 1.67E+09 | 2.091504 |
| 2.6E+09 | 1.66735 |
| 8.56E+09 | 3.303989 |
| 4.22E+09 | 3.974016 |
| 7E+09 | 2.582605 |
| 7.95E+09 | 2.213939 |

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| 5.7E+09 | 6.44005 |
| 5.7E+09 | 2.720601 |
| 4.02E+09 | 2.673446 |
| 8.94E+09 | 1.564872 |
| 2.95E+09 | 5.739667 |
| 1.32E+09 | 1.970618 |
| 2.26E+09 | 2.380219 |
| 2.78E+09 | 3.053232 |
| 1.31E+09 | 4.068134 |
| 1.13E+09 | 7.203992 |
| 8.9E+09 | 1.370181 |
| 4.14E+09 | 4.010862 |
| 5.51E+09 | 1.524135 |
| 3.58E+09 | 2.472849 |
| 3.23E+09 | 1.505906 |
| 2.74E+08 | 3.965829 |
| 1.55E+09 | 1.468799 |
| 6.67E+09 | 2.934139 |
| 3.31E+09 | 1.416884 |
| 3.76E+09 | 4.530992 |
| 7.85E+09 | 4.241647 |
| 9.32E+09 | 2.788951 |
| 7.72E+09 | 2.214921 |
| 6.79E+09 | 2.551112 |
| 7.71E+09 | 1.641111 |
| 1.45E+09 | 2.009684 |
| 1.78E+09 | 0.971048 |
| 3.45E+09 | 3.428287 |
| 2.86E+09 | 3.177245 |
| 1.25E+09 | 4.309743 |
| 1.22E+09 | 2.661678 |
| 5.41E+09 | 3.563253 |
| 2.68E+09 | 2.396792 |
| 8.14E+09 | 1.414201 |
| 2.6E+09 | 2.106336 |
| 2.97E+09 | 2.066741 |
| 8.85E+09 | 3.769691 |
| 2.21E+09 | 1.328624 |
| 1.72E+09 | 1.571322 |
| 9.36E+09 | 1.069105 |
| 6.39E+09 | 1.722578 |
| 3.63E+09 | 1.716706 |
| 3.8E+09 | 3.322843 |
| 8.13E+09 | 3.138292 |
| 1.45E+09 | 1.282603 |
| 5.02E+09 | 4.797437 |
| 2.82E+09 | 3.528243 |

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| 6.43E+09 | 1.389542 |
| 7.97E+09 | 2.339993 |
| 8.08E+09 | 2.908749 |
| 7.89E+09 | 1.081843 |
| 1.76E+09 | 3.988054 |
| 3.03E+09 | 4.901769 |
| 3.48E+09 | 2.117315 |
| 1.37E+09 | 1.561489 |
| 5.15E+09 | 2.174198 |
| 2.72E+09 | 2.627303 |
| 7.7E+09 | 2.27249 |
| 4.17E+09 | 2.000568 |
| 1.47E+09 | 1.514762 |
| 2.47E+09 | 1.896644 |
| 1.14E+09 | 2.363393 |
| 6.7E+09 | 2.835196 |
| 7.02E+09 | 1.745939 |
| 6.75E+09 | 3.45993 |
| 7.92E+09 | 2.188741 |
| 9.84E+08 | 2.334789 |
| 6.16E+09 | 2.484273 |
| 3.01E+09 | 1.320931 |
| 6.4E+09 | 1.386104 |
| 2.77E+09 | 0.881145 |
| 1.92E+09 | 1.205783 |
| 2.91E+08 | 1.608494 |
| 3.86E+09 | 1.524595 |
| 7.3E+09 | 1.468452 |
| 3.42E+09 | 1.709802 |
| 1.79E+09 | 2.99826 |
| 4.35E+09 | 1.596415 |
| 3.9E+09 | 4.743228 |
| 4.31E+09 | 2.866271 |
| 3.62E+09 | 4.1294 |
| 4.38E+09 | 3.203452 |
| 6.8E+09 | 3.35308 |
| 3.34E+09 | 3.17066 |
| 2.21E+09 | 1.12862 |
| 8.73E+09 | 3.112109 |
| 1.68E+09 | 1.427194 |
| 5.1E+09 | 1.16843 |
| 1.98E+09 | 1.868253 |
| 7.95E+08 | 1.294744 |
| 7.23E+09 | 2.275986 |
| 9.41E+09 | 2.174341 |
| 5.07E+09 | 3.910373 |
| 5.97E+08 | 1.494311 |

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1.67E+09 1.37102
7.85E+09 6.284727
5.6E+09 4.099863
4.05E+09 1.984507
4.32E+09 1.992765
2.62E+09 3.032382
1.53E+09 4.446533
9.83E+09 1.757884
2.72E+09 3.833082
9.47E+09 1.269748
2.88E+09 2.190125
1.14E+09 3.36124
2.47E+09 3.142587
7.23E+08 1.38616
3.07E+09 3.169584
5.7E+09 4.17588
9.27E+09 1.572518
4.05E+09 2.521734
1.23E+09 4.38252
2.47E+09 3.355684
2.52E+09 1.088403
4.32E+09 1.155662
2.38E+08 3.368709
1.11E+09 2.079058
1.77E+09 1.31006
6.66E+08 2.222892
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3.58E+09 3.629964
3.63E+09 3.573125
2.55E+08 2.118646
1.15E+09 0.922551
3.63E+09 5.101249
3.91E+09 2.298927
8.16E+09 1.62261
5.14E+09 2.940257
2.46E+09 1.926705
9.48E+09 1.682766
3.19E+08 2.02877
9.48E+09 1.768747
8.25E+08 4.052497
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7.85E+09 2.852523
1.78E+09 2.573644
3.9E+09 3.235015

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| 8.09E+09 | 2.911505 |
| 3.3E+09 | 1.474952 |
| 9.12E+09 | 2.693921 |
| 7.89E+09 | 1.953475 |
| 1.37E+09 | 1.830088 |
| 8E+09 | 2.222689 |
| 5.56E+09 | 4.750385 |
| 7.31E+09 | 4.063591 |
| 3.52E+09 | 0.89469 |
| 7.3E+09 | 2.844796 |
| 2.08E+08 | 3.729162 |
| 5.6E+09 | 1.667928 |
| 2.65E+09 | 2.75274 |
| 6.74E+09 | 4.525613 |
| 5.25E+08 | 5.71953 |
| 3.33E+09 | 1.232499 |
| 8.68E+09 | 3.173595 |
| 4.04E+09 | 2.986697 |
| 8.07E+09 | 2.274292 |
| 9.52E+09 | 3.423585 |
| 5.63E+09 | 4.619199 |
| 6.81E+09 | 0.949136 |
| 1.07E+09 | 3.229125 |
| 7.85E+09 | 3.608562 |
| 5.14E+09 | 0.857566 |
| 2.01E+09 | 2.069174 |
| 7.85E+09 | 7.240137 |
| 1.4E+09 | 1.994804 |
| 2.31E+09 | 2.625306 |
| 6.47E+08 | 2.00681 |
| 6.65E+09 | 1.839677 |
| 8.68E+09 | 2.196157 |
| 4.38E+09 | 2.349809 |
| 8.07E+09 | 3.015407 |
| 7.15E+09 | 1.154356 |
| 4.14E+09 | 1.828576 |
| 5.1E+09 | 1.263552 |
| 6.15E+09 | 4.214067 |
| 1.59E+09 | 2.513706 |
| 3.76E+09 | 4.669101 |
| 7.2E+09 | 4.284921 |
| 6.43E+08 | 1.636996 |
| 8.65E+09 | 3.298959 |
| 4.14E+09 | 2.98775 |
| 5.05E+09 | 2.670799 |
| 8.84E+09 | 1.754999 |
| 7.68E+09 | 2.148741 |

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| 7.2E+09 | 2.774057 |
| 1.9E+09 | 0.910479 |
| 7.92E+09 | 2.24325 |
| 5.44E+09 | 3.237493 |
| 8.73E+09 | 2.267789 |
| 1.44E+09 | 3.129518 |
| 1.47E+09 | 3.169875 |
| 3.2E+09 | 1.441605 |
| 1.92E+09 | 3.395948 |
| 2.72E+09 | 1.80234 |
| 3.81E+09 | 2.375132 |
| 3.26E+08 | 3.115878 |
| 1.07E+09 | 2.320332 |
| 8.84E+09 | 5.943262 |
| 1.56E+09 | 2.799783 |
| 1.67E+09 | 3.357721 |
| 2.6E+09 | 3.406194 |
| 1.14E+09 | 2.489088 |
| 8.03E+09 | 1.429023 |
| 7.73E+09 | 2.797534 |
| 5.13E+09 | 2.906628 |
| 9.28E+09 | 2.11636 |
| 3.42E+08 | 1.364613 |
| 5.13E+09 | 3.113414 |
| 2.33E+09 | 2.650354 |
| 8.65E+09 | 0.940896 |
| 2.01E+08 | 1.533503 |
| 7.52E+09 | 2.458487 |
| 7.17E+09 | 1.067484 |
| 3.02E+09 | 1.369938 |
| 3.58E+09 | 5.20413 |
| 7.34E+09 | 1.630064 |
| 3.91E+09 | 2.250632 |
| 3.22E+09 | 2.476338 |
| 6.02E+09 | 1.110204 |
| 2.57E+09 | 2.519276 |
| 8.12E+09 | 1.821522 |
| 3.36E+09 | 2.346457 |
| 3.63E+09 | 3.127096 |
| 9.23E+08 | 1.967494 |
| 9.2E+09 | 3.101455 |
| 1.78E+09 | 2.968384 |
| 7.74E+09 | 8.040429 |
| 6.87E+08 | 3.022332 |
| 7.97E+09 | 2.338753 |
| 3.41E+09 | 2.782267 |
| 7.85E+09 | 3.340576 |

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| 1.18E+09 | 4.805053 |
| 3.35E+09 | 2.374645 |
| 7.8E+09 | 1.597424 |
| 8.02E+09 | 2.81857 |
| 3.21E+09 | 2.091085 |
| 4.48E+09 | 2.350358 |
| 1.12E+09 | 3.630937 |
| 7.98E+09 | 1.130384 |
| 7.23E+09 | 2.95884 |
| 7.21E+09 | 2.916374 |
| 3.83E+09 | 1.059264 |
| 7.71E+09 | 4.276054 |
| 4.4E+09 | 2.42398 |
| 2.49E+09 | 2.839569 |
| 7.14E+09 | 1.792323 |
| 3.3E+09 | 3.738357 |
| 2.89E+09 | 2.138177 |
| 3.76E+09 | 2.456066 |
| 9.27E+09 | 2.135707 |
| 3.73E+09 | 0.978283 |
| 5.05E+09 | 3.614181 |
| 2.14E+09 | 3.578958 |
| 2.61E+09 | 2.422144 |
| 8.56E+09 | 1.769478 |
| 2.43E+09 | 3.06328 |
| 8.09E+09 | 2.036971 |
| 9.42E+09 | 2.493732 |
| 1.11E+09 | 4.685764 |
| 1.32E+09 | 1.925872 |
| 5.02E+09 | 2.928325 |
| 1.54E+09 | 2.440611 |
| 1.44E+09 | 2.670698 |
| 3.22E+09 | 3.737922 |
| 1.98E+09 | 2.329793 |
| 6.62E+09 | 1.433791 |
| 2.3E+09 | 10.65041 |
| 2.6E+08 | 2.179252 |
| 6.07E+09 | 2.289746 |
| 1.23E+08 | 1.803991 |
| 8.56E+09 | 1.379063 |
| 5.25E+09 | 2.6217 |
| 6.07E+09 | 2.305113 |
| 8.26E+08 | 1.607985 |
| 2.63E+09 | 4.239254 |
| 6.74E+09 | 4.215606 |
| 9.25E+09 | 3.69053 |
| 2.56E+09 | 1.715272 |

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| 1.24E+09 | 1.652557 |
| 4.25E+08 | 5.253351 |
| 9.19E+09 | 7.121847 |
| 8.66E+09 | 1.846448 |
| 4.25E+09 | 1.524965 |
| 9.83E+09 | 1.599206 |
| 7.85E+09 | 2.198432 |
| 9.55E+09 | 1.292659 |
| 8.98E+08 | 1.800486 |
| 3.83E+09 | 1.281058 |
| 1.25E+09 | 2.667316 |
| 4.08E+09 | 2.251492 |
| 4.18E+09 | 2.859022 |
| 2.96E+09 | 2.724998 |
| 1.45E+09 | 2.054946 |
| 7.86E+09 | 2.514009 |
| 7.85E+09 | 3.921106 |
| 8.73E+09 | 2.556442 |
| 7.97E+09 | 3.006849 |
| 8.65E+09 | 3.033521 |
| 5.38E+09 | 1.773329 |
| 1.43E+09 | 1.644116 |
| 6.27E+08 | 3.356788 |
| 3.12E+09 | 3.272714 |
| 1.78E+09 | 3.079513 |
| 8.69E+09 | 2.984798 |
| 9.17E+09 | 2.597435 |
| 1E+08 | 1.75922 |
| 3.22E+09 | 4.804615 |
| 4.44E+09 | 1.796625 |
| 7.92E+09 | 4.462497 |
| 7.88E+09 | 3.699121 |
| 3.29E+09 | 2.271966 |
| 4.14E+09 | 5.904514 |
| 1.69E+09 | 2.95658 |
| 7.81E+09 | 1.812372 |
| 1.13E+09 | 2.277357 |
| 7.93E+08 | 1.687116 |
| 3.22E+09 | 3.270208 |
| 8.64E+09 | 3.149537 |
| 2.77E+09 | 3.757362 |
| 5.35E+09 | 1.077974 |
| 7.5E+09 | 1.979103 |
| 3.39E+09 | 3.779187 |
| 7.66E+09 | 1.936289 |
| 9.45E+09 | 3.746711 |
| 3.79E+09 | 1.390002 |

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| 5.82E+08 | 2.287501 |
| 3.21E+09 | 2.749519 |
| 3.23E+08 | 1.431369 |
| 7.3E+09 | 1.386755 |
| 1.55E+09 | 1.544702 |
| 2.34E+09 | 0.995263 |
| 6.65E+09 | 2.477658 |
| 3.86E+09 | 5.079288 |
| 1.98E+09 | 2.818385 |
| 1.18E+09 | 2.691789 |
| 3.28E+09 | 2.467408 |
| 6.84E+09 | 2.042022 |
| 8.65E+09 | 1.329635 |
| 1.59E+09 | 1.432129 |
| 2.42E+09 | 0.913775 |
| 1.7E+09 | 1.093786 |
| 3.76E+09 | 2.429399 |
| 3.62E+09 | 1.453879 |
| 7.95E+09 | 2.294574 |
| 5.27E+09 | 2.057921 |
| 8.03E+09 | 2.166911 |
| 2.81E+08 | 5.015947 |
| 3.33E+09 | 1.00486 |
| 7.38E+09 | 2.325762 |
| 4.06E+09 | 2.7397 |
| 3.02E+08 | 1.168065 |
| 9.53E+09 | 3.071284 |
| 3.63E+09 | 1.517152 |
| 9.51E+09 | 2.318127 |
| 2.31E+09 | 2.552076 |
| 7.31E+09 | 2.997642 |
| 2.21E+09 | 1.602251 |
| 3.24E+08 | 4.592464 |
| 7.35E+09 | 1.94487 |
| 2.42E+09 | 2.61592 |
| 8.15E+09 | 1.494903 |
| 87000283 | 2.274329 |
| 7.94E+09 | 2.030454 |
| 2.62E+09 | 1.566448 |
| 2.24E+08 | 2.153064 |
| 7.13E+09 | 1.320498 |
| 7.35E+09 | 2.378716 |
| 6.16E+09 | 1.34907 |
| 3.53E+09 | 3.314109 |
| 1.69E+09 | 2.836002 |
| 4.14E+09 | 2.632487 |
| 1.82E+09 | 3.024872 |

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| 5.47E+09 | 2.156596 |
| 9.33E+09 | 1.155366 |
| 2.41E+09 | 1.204501 |
| 5.47E+09 | 2.356252 |
| 3.03E+09 | 2.098524 |
| 1.52E+09 | 2.755223 |
| 3.88E+09 | 2.336246 |
| 8.83E+09 | 4.007555 |
| 9.24E+09 | 2.09481 |
| 4.14E+09 | 1.8013 |
| 9.28E+09 | 1.33913 |
| 5.38E+09 | 2.843115 |
| 2.46E+09 | 1.43919 |
| 4.44E+09 | 1.095408 |
| 1.55E+09 | 3.526134 |
| 7.55E+09 | 1.736341 |
| 9.83E+09 | 0.812954 |
| 6.35E+09 | 5.229391 |
| 7.13E+09 | 1.953534 |
| 4.3E+09 | 1.86441 |
| 2.45E+09 | 2.960941 |
| 5.17E+09 | 3.27419 |
| 1.09E+09 | 2.947357 |
| 1.12E+09 | 1.819517 |
| 8.57E+09 | 3.786271 |
| 1.77E+09 | 2.183557 |
| 9.49E+09 | 3.594701 |
| 6.87E+08 | 2.883615 |
| 4.02E+09 | 2.987718 |
| 6.05E+09 | 1.915841 |
| 3.44E+09 | 2.972287 |
| 3.76E+09 | 4.557888 |
| 1.65E+09 | 2.230948 |
| 8.1E+09 | 1.682983 |
| 7.64E+09 | 3.574529 |
| 3.46E+09 | 2.875286 |
| 2.03E+09 | 1.570976 |
| 2.62E+09 | 1.302483 |
| 3.35E+09 | 2.469798 |
| 6.63E+09 | 1.921815 |
| 2.6E+09 | 2.458398 |
| 9.41E+09 | 2.900627 |
| 3.2E+09 | 1.60897 |
| 1.84E+09 | 1.66801 |
| 4.14E+09 | 3.660016 |
| 8.56E+09 | 3.380042 |
| 1.34E+09 | 3.208513 |

4.06E+09 5.998182
4.61E+08 1.519269
3.12E+09 3.663171
6.82E+09 1.135679
1.19E+09 4.047851
3.45E+09 2.050267
3.11E+09 2.132085
1.44E+09 2.939132
3.65E+09 2.477613
4.34E+09 1.853399
2.11E+09 1.652252
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8.16E+09 2.388306
7.94E+09 3.026833
2.43E+09 1.247779
4.04E+09 2.465834
2.33E+09 2.915431
7.97E+09 1.095913
6.86E+08 2.387275
4.02E+09 2.696971
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3.53E+09 3.147323
7.95E+09 1.30128
1.39E+09 3.222596
9.83E+09 2.066312
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65000260 4.05615
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7.94E+09 1.734344
2.12E+09 1.196995
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7.2E+09 4.959911
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3.21E+09 1.903794
5.12E+09 3.610015
3.82E+09 1.889086

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| 7.3E+09 | 2.293154 |
| 2.17E+09 | 2.948125 |
| 9.47E+09 | 4.521904 |
| 2.47E+09 | 3.245067 |
| 2.26E+09 | 1.213566 |
| 1.14E+09 | 1.838256 |
| 3.3E+09 | 0.895994 |
| 1.5E+09 | 1.019382 |
| 9.28E+09 | 1.516787 |
| 2.91E+09 | 3.396102 |
| 1.25E+09 | 2.407269 |
| 3.1E+09 | 0.997682 |
| 2.56E+09 | 2.34229 |
| 1.32E+09 | 0.812393 |
| 2.83E+09 | 1.800987 |
| 3.34E+09 | 3.795579 |
| 3.52E+09 | 2.549911 |
| 9.1E+09 | 4.52424 |
| 3.12E+09 | 1.701163 |
| 7.85E+09 | 3.253957 |
| 7.95E+09 | 2.387903 |
| 1.82E+09 | 0.71458 |
| 1.22E+09 | 1.905305 |
| 9.27E+09 | 2.778924 |
| 1.34E+09 | 2.956647 |
| 9.27E+09 | 1.786336 |
| 2.79E+09 | 1.653277 |
| 3.53E+09 | 2.451809 |
| 5.63E+09 | 2.810846 |
| 2.19E+09 | 1.814515 |
| 8.56E+09 | 4.394378 |
| 4.42E+09 | 2.379339 |
| 2.47E+09 | 1.871925 |
| 7.51E+09 | 1.943851 |
| 1.16E+09 | 1.783014 |
| 5.41E+09 | 1.570142 |
| 2.55E+08 | 2.39867 |
| 1.69E+09 | 3.054191 |
| 6.75E+09 | 0.939319 |
| 2.74E+09 | 2.864179 |
| 9.14E+09 | 2.752179 |
| 1.92E+09 | 3.199523 |
| 7.14E+08 | 1.973698 |
| 9.04E+08 | 2.59517 |
| 3.4E+09 | 1.53558 |
| 6.31E+09 | 2.589793 |
| 2.7E+09 | 1.359632 |

3.63E+09 1.103254
1.62E+09 1.117625
3.44E+09 1.792405
8.12E+09 1.77778
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1.81E+09 2.976078
1.86E+09 2.381042
2.77E+09 1.611428
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2.94E+08 3.748779
8.73E+09 2.989641
3.33E+09 1.08955
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2.9E+09 1.394552

3.44E+09 3.793977
5.26E+09 2.492674
4.02E+09 2.907213
8.71E+08 2.631398
2.33E+09 1.084383
1.77E+09 0.872328
7.85E+09 5.04314
2.14E+09 2.51497
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9.32E+09 2.394286
8.86E+09 2.201111
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7.2E+09 2.926108
5.62E+09 2.267595
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6.67E+09 3.025565
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5.67E+08 2.080002
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3.34E+09 0.75522
1.62E+09 2.054369
3.28E+09 1.759323
7.2E+09 1.884111
7.46E+08 4.462131
6.61E+09 1.482825
8.02E+09 0.911876
8.93E+09 1.800439
8.59E+08 1.904898
8.67E+09 1.225913
1.27E+09 4.570055
6.71E+09 3.564784
3.4E+09 1.89027

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| 1.7E+09 | 1.21323 |
| 5.25E+09 | 2.042016 |
| 8.89E+09 | 1.273746 |
| 1.79E+09 | 1.781747 |
| 2.03E+09 | 1.51075 |
| 1.93E+09 | 3.284627 |
| 4.22E+09 | 2.940276 |
| 8.13E+09 | 2.791103 |
| 3.35E+09 | 3.95243 |
| 2.89E+09 | 1.006564 |
| 2.89E+09 | 0.903562 |
| 4.04E+09 | 2.807855 |
| 6.76E+09 | 3.004902 |
| 3.19E+09 | 1.068632 |
| 2.26E+08 | 6.121492 |
| 9.24E+09 | 1.044231 |
| 6.71E+09 | 2.521403 |
| 2.74E+09 | 2.296062 |
| 7.2E+09 | 3.571519 |
| 7.92E+09 | 2.644195 |
| 1.63E+08 | 1.165924 |
| 2.57E+09 | 2.00268 |
| 1.52E+09 | 1.981225 |
| 6.05E+09 | 1.470816 |
| 6.63E+09 | 3.654832 |
| 8.93E+09 | 2.746288 |
| 5.46E+09 | 2.465695 |
| 7.69E+09 | 0.972422 |
| 1.12E+09 | 2.75688 |
| 1.22E+08 | 2.487163 |
| 8.04E+09 | 1.791195 |
| 3.26E+09 | 3.384599 |
| 8.86E+09 | 2.257433 |
| 8.96E+09 | 2.271988 |
| 1.65E+09 | 1.464295 |
| 9.28E+09 | 2.253239 |
| 1.44E+09 | 2.756683 |
| 1.31E+09 | 2.505099 |
| 2.54E+08 | 1.316907 |
| 9.48E+09 | 2.4524 |
| 9.51E+09 | 2.512754 |
| 6.89E+09 | 3.166253 |
| 9.41E+09 | 1.965623 |
| 7.2E+09 | 4.590051 |
| 8.15E+09 | 2.777088 |
| 9.41E+09 | 1.873558 |
| 1.77E+09 | 1.331205 |

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| 1.53E+09 | 4.554895 |
| 8.65E+09 | 2.151343 |
| 9.41E+09 | 2.120904 |
| 7.88E+09 | 0.676183 |
| 3.85E+09 | 3.046087 |
| 2.73E+09 | 1.701049 |
| 4.34E+09 | 1.20615 |
| 1.25E+09 | 3.767951 |
| 1.11E+09 | 1.28413 |
| 6.08E+09 | 1.210112 |
| 1.78E+09 | 2.916082 |
| 9.56E+09 | 2.89899 |
| 2.47E+09 | 2.019017 |
| 9.43E+08 | 1.588331 |
| 7.54E+09 | 1.089623 |
| 1.93E+09 | 1.924431 |
| 7.94E+09 | 1.265427 |
| 7.99E+09 | 0.974081 |
| 5.15E+09 | 5.098672 |
| 1.72E+09 | 1.173353 |
| 3.44E+09 | 0.888887 |
| 9.22E+09 | 0.936872 |
| 1.8E+09 | 2.070773 |
| 3.23E+08 | 2.247121 |
| 3.39E+09 | 1.399557 |
| 4.04E+09 | 3.17514 |
| 6.32E+09 | 1.082965 |
| 7.55E+09 | 2.325652 |
| 3.34E+09 | 4.460159 |
| 5.7E+09 | 3.516103 |
| 5.25E+09 | 2.938918 |
| 8.84E+09 | 2.162575 |
| 1.24E+09 | 4.216697 |
| 8.64E+09 | 1.986951 |
| 3.3E+09 | 2.243483 |
| 2.13E+09 | 2.271469 |
| 7.95E+09 | 2.830221 |
| 2.77E+09 | 1.851677 |
| 2.54E+09 | 3.100364 |
| 8.16E+09 | 2.730735 |
| 9.17E+08 | 1.376251 |
| 2.39E+09 | 0.859939 |
| 9.29E+09 | 2.445882 |
| 2.01E+09 | 1.87782 |
| 6.45E+09 | 1.659679 |
| 2.47E+09 | 2.094759 |
| 2.82E+09 | 4.558393 |

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| 9.52E+08 | 1.218768 |
| 3.42E+09 | 2.644175 |
| 3.63E+09 | 4.529193 |
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| 1.51E+09 | 3.195669 |
| 4.04E+09 | 1.616267 |
| 5.29E+09 | 2.883905 |
| 6.26E+08 | 4.157095 |
| 5.46E+09 | 4.561201 |
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| 3.24E+08 | 1.577231 |
| 6.71E+09 | 1.878395 |
| 3.32E+09 | 1.781742 |
| 3.12E+09 | 4.622098 |
| 1.13E+09 | 7.901231 |
| 7.85E+09 | 2.666372 |
| 1.23E+08 | 1.084537 |
| 7.88E+09 | 1.519922 |
| 9.83E+09 | 1.271252 |
| 6.82E+09 | 2.51097 |
| 9.52E+09 | 1.960554 |
| 2.42E+09 | 1.593874 |
| 7.5E+09 | 3.645393 |
| 4.75E+08 | 1.49947 |
| 2.43E+09 | 4.387703 |
| 7.52E+09 | 0.700319 |
| 5.47E+09 | 1.328337 |
| 7.85E+09 | 2.403672 |
| 3.07E+09 | 2.395585 |
| 3.3E+09 | 2.567796 |
| 2.9E+09 | 2.531349 |
| 9.5E+09 | 1.788598 |
| 8.84E+09 | 1.076528 |
| 6.06E+09 | 1.409472 |
| 1.86E+09 | 2.991489 |
| 7.22E+09 | 1.276301 |
| 5.46E+09 | 2.749811 |
| 7.58E+09 | 1.71501 |
| 2.39E+09 | 2.079406 |
| 6.19E+09 | 3.977578 |
| 5.25E+09 | 2.503823 |
| 3.58E+09 | 0.959334 |
| 7.23E+09 | 1.121081 |
| 5.56E+09 | 2.107392 |
| 1.97E+09 | 1.476474 |
| 8.92E+08 | 0.8578 |
| 2.94E+09 | 2.425119 |

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| 2.43E+09 | 3.207679 |
| 6.65E+09 | 1.787801 |
| 1.21E+08 | 2.947762 |
| 6.4E+09 | 2.390281 |
| 5.26E+08 | 1.139726 |
| 8.86E+09 | 2.203031 |
| 3.83E+09 | 1.492157 |
| 1.62E+09 | 2.65345 |
| 3.63E+09 | 3.973035 |
| 6.45E+09 | 3.096277 |
| 5.71E+09 | 2.612788 |
| 5.52E+09 | 1.331538 |
| 8.03E+09 | 2.729832 |
| 6.7E+09 | 1.934853 |
| 6.43E+08 | 3.409469 |
| 6.15E+09 | 1.721602 |
| 2.47E+09 | 2.879858 |
| 3.91E+09 | 2.696236 |
| 2.65E+09 | 2.12784 |
| 3.18E+09 | 1.815286 |
| 7.57E+09 | 3.871845 |
| 6.39E+09 | 2.425947 |
| 4.44E+09 | 1.426915 |
| 8.73E+09 | 2.507287 |
| 3.38E+09 | 1.804642 |
| 9.83E+09 | 1.916363 |
| 6.7E+09 | 2.997409 |
| 3.32E+09 | 3.79639 |
| 1.82E+09 | 4.990064 |
| 8.03E+09 | 3.503606 |
| 8.68E+09 | 2.980496 |
| 5.04E+09 | 3.972459 |
| 2.03E+09 | 1.665439 |
| 4.02E+09 | 3.53399 |
| 7.21E+09 | 2.794032 |
| 9.36E+08 | 2.638143 |
| 6.18E+09 | 2.957946 |
| 1.14E+09 | 2.947414 |
| 3.32E+09 | 1.464893 |
| 4.27E+09 | 2.046965 |
| 6.15E+09 | 1.494756 |
| 4.75E+08 | 1.231799 |
| 3.28E+09 | 2.000651 |
| 9.39E+09 | 2.184232 |
| 3.44E+09 | 2.201693 |
| 4.31E+09 | 2.575677 |
| 8.59E+09 | 1.17719 |

7.93E+08 1.572879
2.46E+09 1.76936
2.66E+09 1.394159
5.45E+09 2.892427
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3.28E+09 0.938547
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9.3E+09 2.385045
6.02E+09 2.550252
4.32E+09 2.288644
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6.82E+09 1.709309
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2.59E+09 3.669185
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1.27E+09 1.583381
2.79E+09 2.161696
8.84E+09 1.772956
8.03E+09 2.205388
5.29E+09 2.011128
1.77E+09 1.729376
2.89E+09 2.047349
8.59E+09 2.224851
9.27E+09 1.533913
4.14E+09 4.189691
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7.98E+09 1.384518
4.43E+09 1.808984
2.11E+09 1.32095
6.45E+09 3.07191
3.43E+09 2.603838

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| 3.3E+09 | 2.041786 |
| 3.22E+09 | 1.95598 |
| 5.13E+09 | 2.031625 |
| 7.53E+09 | 1.46577 |
| 1.87E+09 | 3.255321 |
| 2.92E+09 | 1.03978 |
| 1.11E+09 | 2.016575 |
| 8.56E+09 | 3.557624 |
| 3.63E+09 | 3.472034 |
| 8.56E+08 | 6.395528 |
| 8.65E+09 | 1.161938 |
| 1.32E+09 | 3.256559 |
| 6.8E+09 | 1.988333 |
| 1.52E+09 | 1.904648 |
| 2.62E+09 | 1.847257 |
| 1.97E+09 | 2.339309 |
| 7.21E+09 | 1.12324 |
| 8.85E+09 | 1.025982 |
| 2.79E+09 | 3.309881 |
| 4.24E+09 | 1.309225 |
| 5.23E+09 | 3.31479 |
| 3.29E+09 | 2.392923 |
| 3.22E+08 | 4.53215 |
| 1.03E+09 | 2.395393 |
| 1.92E+09 | 1.921477 |
| 1.4E+09 | 2.711633 |
| 6.82E+09 | 1.331113 |
| 4.34E+08 | 2.452772 |
| 6.06E+09 | 1.893628 |
| 4.34E+09 | 1.772009 |
| 5.71E+09 | 3.771478 |
| 1.05E+09 | 0.882738 |
| 5.11E+09 | 2.433136 |
| 2.31E+09 | 3.24143 |
| 2.99E+09 | 1.137536 |
| 1.6E+09 | 1.35276 |
| 1.56E+09 | 2.453601 |
| 2.57E+08 | 1.160444 |
| 6.79E+09 | 2.114826 |
| 1.44E+09 | 2.48927 |
| 4.06E+09 | 4.118978 |
| 3.89E+09 | 3.222724 |
| 4.14E+09 | 5.575883 |
| 6.08E+09 | 2.311001 |
| 2.6E+08 | 1.4501 |
| 3.98E+09 | 0.716376 |
| 9.39E+09 | 1.269329 |

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| 7.2E+09 | 1.700984 |
| 9.26E+09 | 2.063886 |
| 8.68E+09 | 1.708454 |
| 4.08E+09 | 3.784263 |
| 7.38E+09 | 2.502992 |
| 2.54E+08 | 2.281138 |
| 1.45E+09 | 1.146501 |
| 1.13E+09 | 2.32016 |
| 7.51E+09 | 3.303846 |
| 5.71E+09 | 2.828799 |
| 4.18E+09 | 2.732777 |
| 3.04E+09 | 1.758129 |
| 1.24E+09 | 0.971555 |
| 4.32E+08 | 2.327406 |
| 2.94E+09 | 4.930784 |
| 1.35E+09 | 1.124067 |
| 3.28E+09 | 1.708104 |
| 8.9E+09 | 4.702768 |
| 9.27E+09 | 2.032923 |
| 1.12E+09 | 5.36325 |
| 6.3E+08 | 4.172319 |
| 6.85E+09 | 1.954935 |
| 7.35E+09 | 1.946106 |
| 8.93E+09 | 1.940133 |
| 5.51E+09 | 3.235532 |
| 8.9E+09 | 1.501245 |
| 4.01E+09 | 2.156356 |
| 7.14E+09 | 1.719695 |
| 2.42E+09 | 1.560419 |
| 40000362 | 0.889581 |
| 1.66E+09 | 1.642167 |
| 2.12E+09 | 1.323569 |
| 1.89E+09 | 2.945892 |
| 6.84E+09 | 1.735715 |
| 1.31E+09 | 2.645048 |
| 3.6E+09 | 1.516095 |
| 8.14E+09 | 1.848889 |
| 8.86E+09 | 1.870337 |
| 6.24E+08 | 3.585292 |
| 2.77E+09 | 1.446359 |
| 4.05E+08 | 2.152792 |
| 6.12E+09 | 2.682334 |
| 8.96E+09 | 2.646524 |
| 1.52E+09 | 2.417571 |
| 6.84E+09 | 2.494099 |
| 3.33E+09 | 1.007387 |
| 1.86E+09 | 1.522894 |

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|----------|----------|
| 9.56E+09 | 2.398691 |
| 1.31E+09 | 1.642158 |
| 5.1E+09 | 2.279767 |
| 5.22E+08 | 1.657982 |
| 3.45E+09 | 2.403293 |
| 1.31E+09 | 2.200239 |
| 5.65E+09 | 1.531293 |
| 1.85E+09 | 5.104841 |
| 8.13E+09 | 1.397313 |
| 6.35E+09 | 3.859174 |
| 3.75E+09 | 3.905645 |
| 1.96E+09 | 2.809513 |
| 1.77E+09 | 0.605449 |
| 8.9E+09 | 4.356876 |
| 1.31E+09 | 2.790418 |
| 8.09E+08 | 3.196559 |
| 2.62E+09 | 1.323823 |
| 9.19E+09 | 1.805626 |
| 6.6E+09 | 2.654369 |
| 8.15E+09 | 0.87016 |
| 9.56E+09 | 2.393871 |
| 4.04E+09 | 2.427118 |
| 2.88E+09 | 1.699619 |
| 4.04E+09 | 2.147743 |
| 8.67E+09 | 1.961885 |
| 7.11E+09 | 2.927873 |
| 3.28E+09 | 1.590288 |
| 9.55E+09 | 2.114328 |
| 8.82E+09 | 1.78447 |
| 6.74E+09 | 3.450729 |
| 8.73E+09 | 2.9343 |
| 9.53E+09 | 2.950992 |
| 7.75E+09 | 2.27461 |
| 3.82E+09 | 1.949897 |
| 2.77E+09 | 1.775586 |
| 1.08E+08 | 2.257644 |
| 8.44E+08 | 1.979121 |
| 6.82E+09 | 3.879785 |
| 4.45E+09 | 3.954168 |
| 8.6E+09 | 1.816776 |
| 5.07E+09 | 2.919473 |
| 7.13E+09 | 1.344313 |
| 3.83E+09 | 1.469508 |
| 4.14E+09 | 2.560067 |
| 3.02E+09 | 4.088489 |
| 7.22E+08 | 1.070004 |
| 3.92E+09 | 4.355369 |

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| 2.47E+09 | 2.88836 |
| 2.2E+09 | 1.107123 |
| 9.27E+09 | 1.606648 |
| 9.29E+09 | 1.737588 |
| 2.02E+09 | 1.551304 |
| 3.24E+08 | 2.0253 |
| 3.81E+09 | 3.275274 |
| 7.7E+09 | 1.647196 |
| 8.73E+09 | 2.914159 |
| 8.04E+09 | 2.345461 |
| 6.12E+09 | 1.17774 |
| 1.45E+09 | 0.967635 |
| 5.79E+08 | 1.28416 |
| 2.46E+09 | 3.23821 |
| 5.02E+09 | 1.053404 |
| 1.19E+09 | 3.228174 |
| 4.04E+09 | 2.274191 |
| 1.56E+09 | 3.171857 |
| 6.6E+09 | 1.451441 |
| 6.43E+08 | 3.891454 |
| 1.04E+09 | 2.990424 |
| 7.81E+09 | 1.076466 |
| 7.01E+09 | 4.332777 |
| 8.68E+09 | 2.625944 |
| 2.72E+09 | 2.794017 |
| 7.91E+09 | 1.863476 |
| 2.71E+08 | 2.022944 |
| 3.26E+08 | 2.987004 |
| 8.68E+09 | 1.630618 |
| 1.07E+09 | 4.022266 |
| 8.65E+09 | 2.819865 |
| 2.7E+09 | 2.09514 |
| 8.56E+09 | 5.426157 |
| 1.53E+09 | 2.246285 |
| 1.82E+09 | 2.788287 |
| 2.77E+09 | 1.786516 |
| 3.43E+09 | 7.46343 |
| 9.52E+08 | 1.330616 |
| 7.63E+09 | 0.903208 |
| 9.82E+09 | 1.094498 |
| 2.82E+09 | 2.46477 |
| 1.78E+09 | 1.491157 |
| 6.37E+09 | 2.496385 |
| 2.94E+08 | 5.124511 |
| 1.34E+09 | 4.535659 |
| 2.77E+09 | 4.853786 |
| 3.91E+09 | 1.917585 |

7.79E+09 2.551154
7.71E+09 2.869586
4.02E+09 2.827796
1.91E+08 3.291374
7.85E+09 1.639767
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2.6E+09 4.77235
6.17E+09 4.965036
2.77E+09 2.438949
8.1E+08 2.720928
6.39E+09 0.836655
1.87E+09 0.923252
1.57E+09 1.318249
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1.34E+09 2.393708
6.18E+09 2.045916
9.26E+09 2.959567
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4.43E+09 1.71643
7.33E+09 1.723503
4.25E+08 3.839113
7.44E+09 1.661829
1.25E+09 2.629497
1.31E+09 2.687297
4.05E+09 1.123694
9.1E+09 2.577907
2.29E+09 1.5842
3.88E+09 1.846334
7.13E+09 1.858138
7.85E+09 3.804752
7.41E+09 2.142816
5.25E+09 1.920021
1.26E+08 2.397429
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3.34E+09 4.528579
6.43E+09 1.848827
9.23E+09 0.994479
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3.66E+09 2.740224
2.9E+09 2.075369
7.45E+09 0.771565
4.04E+09 2.790547
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8.09E+09 2.396348

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7.96E+09 1.179906
1.78E+09 2.454501
1.76E+09 3.754545
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8.16E+09 2.697793
9.17E+09 1.517371
1.78E+09 3.654151
1.25E+08 3.930381
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1.7E+09 1.453554
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1.71E+09 1.1653
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4.1E+09 3.528388
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8.2E+08 1.99171
6.15E+09 2.422672
7.45E+09 0.720324
8.68E+09 1.583328
1.57E+09 1.574416
1.18E+09 2.638562
1.11E+09 3.508878
3.1E+09 2.658202
8.68E+09 2.586457
4.03E+09 1.761367
1.62E+09 1.708029
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7.51E+08 1.872653
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2.19E+09 2.077539
5.22E+08 2.990257
3.2E+09 1.396631
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3.53E+09 2.342651
3.89E+09 1.383893
5.46E+09 3.115831
4.12E+09 2.499717

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|----------|----------|
| 4.04E+09 | 2.13758 |
| 8.08E+09 | 2.812215 |
| 1.73E+09 | 3.383777 |
| 6.86E+09 | 1.810281 |
| 3.36E+09 | 1.784665 |
| 5.42E+09 | 2.996556 |
| 3.11E+09 | 2.113464 |
| 2.6E+08 | 1.714923 |
| 1.97E+09 | 1.478134 |
| 5.1E+09 | 1.206281 |
| 1.42E+09 | 1.306015 |
| 3.63E+09 | 5.798959 |
| 7.85E+09 | 3.412339 |
| 1.2E+09 | 2.612915 |
| 7.2E+09 | 3.129052 |
| 9.41E+09 | 1.060594 |
| 9.51E+09 | 3.322276 |
| 1.33E+09 | 1.484629 |
| 3.89E+09 | 2.914568 |
| 7.13E+09 | 2.418997 |
| 7.57E+09 | 2.714198 |
| 3.74E+09 | 3.112443 |
| 2.61E+09 | 3.27658 |
| 7.2E+09 | 3.122638 |
| 3.9E+09 | 2.874666 |
| 11501160 | 3.60316 |
| 9.21E+09 | 1.498428 |
| 9.47E+09 | 3.26687 |
| 3.62E+09 | 4.373657 |
| 3.29E+09 | 3.370698 |
| 4.4E+09 | 2.180435 |
| 7.69E+09 | 1.992942 |
| 9.55E+09 | 2.846263 |
| 9.26E+09 | 2.16507 |
| 6.74E+09 | 3.400586 |
| 2.94E+08 | 3.904878 |
| 7.53E+09 | 2.338922 |
| 3.99E+09 | 1.324905 |
| 3.58E+09 | 2.17684 |
| 3.81E+09 | 0.615951 |
| 2.4E+09 | 3.060022 |
| 1.85E+09 | 3.767179 |
| 1.99E+09 | 3.194782 |
| 1.34E+09 | 2.142584 |
| 7.62E+09 | 1.943212 |
| 4.02E+09 | 3.934726 |
| 9.53E+09 | 1.942821 |

6.61E+09 3.596917
3.21E+09 1.198523
6.07E+09 5.966653
7.85E+09 2.979163
1.92E+09 1.333337
2.82E+09 2.899886
1.56E+09 2.556077
8.56E+09 2.202828
6.29E+08 3.471181
2.78E+09 1.552667
6.15E+09 1.198644
3.3E+09 2.786044
6.41E+09 1.391894
4.06E+09 3.357332
2.91E+08 2.909035
9.52E+09 2.372512
7.24E+08 3.774823
2.41E+09 2.41164
7.56E+09 3.054204
8.17E+09 1.901512
7.86E+09 3.759895
1.59E+09 0.843365
1.02E+09 3.100404
1.94E+09 3.444911
6.06E+09 2.044905
4.17E+09 1.964322
8.65E+09 1.694523
1.73E+08 1.571121
2.25E+08 1.707138
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4.05E+09 8.063649
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7.27E+09 2.753631
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6.02E+09 2.565053
1.32E+09 2.199728
2.87E+09 3.719089
2.72E+09 2.281199
1.16E+09 3.444581
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3.22E+09 1.070565
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6.26E+08 2.782735
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2.87E+09 3.576782
8.97E+09 2.682274
7.85E+09 3.628198
5.65E+09 2.63424
7.58E+09 4.381694
2.64E+09 2.802537
2.04E+08 2.13136
3E+09 2.667723
7.52E+09 1.406853
9.23E+08 3.834394
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6.43E+09 4.053184
7.3E+09 1.58251
3.86E+09 5.090835
2.3E+09 4.468202
6.79E+09 3.35214
8.12E+09 2.734258

3.14E+09 2.182435
7.14E+09 2.711725
8.66E+09 2.425082
7.14E+09 1.645154
3.63E+09 1.887528
1.13E+09 4.80723
1.09E+09 2.420638
9.54E+09 1.262836
8.15E+09 2.895656
7.02E+09 1.63097
6.02E+09 2.829053
7.4E+09 1.388535
7.55E+09 2.026906
5.32E+09 2.061354
5.15E+09 2.734556
1.7E+09 1.151476
7.32E+09 3.249109
5.56E+09 2.946099
2.22E+09 2.49848
8.64E+09 2.712243
9.49E+09 3.558006
5.32E+09 1.915895
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4.24E+09 0.762828
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4.08E+09 4.234861
9.48E+09 1.588966
5.61E+09 4.482235
4.14E+09 2.51484
5.25E+09 1.931225
9.26E+09 1.975639
5.44E+09 1.183738
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9.41E+09 1.727273
1.26E+08 2.062131
6.14E+09 2.018956
3.01E+09 1.22492
3.27E+09 2.349781
3.02E+09 2.376619
9.54E+09 2.807838
2.77E+09 3.175948
3.82E+09 2.886487
1.73E+09 1.159321
7.33E+09 1.407906
1.19E+09 1.261641
2.47E+09 1.596773

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| 9.56E+09 | 3.623245 |
| 3.44E+09 | 2.022574 |
| 9.41E+09 | 1.772601 |
| 1.37E+09 | 2.111942 |
| 5.7E+09 | 2.803714 |
| 6.84E+09 | 3.674291 |
| 5.41E+09 | 4.932317 |
| 5.06E+09 | 1.118921 |
| 5.25E+08 | 4.736801 |
| 2.12E+09 | 1.232061 |
| 3.18E+09 | 1.741317 |
| 2.78E+09 | 2.217567 |
| 1.55E+09 | 1.781304 |
| 5.7E+09 | 1.812132 |
| 9.21E+09 | 3.939737 |
| 7.13E+09 | 1.115242 |
| 6.8E+09 | 1.746739 |
| 3.3E+09 | 3.093644 |
| 2.62E+09 | 2.39655 |
| 1.05E+08 | 1.271823 |
| 2.92E+09 | 2.711501 |
| 1.78E+09 | 3.7413 |
| 8.11E+09 | 1.655807 |
| 2.01E+09 | 4.459081 |
| 7.53E+09 | 3.045078 |
| 2.92E+09 | 1.414893 |
| 7.7E+09 | 2.102042 |
| 7.87E+09 | 2.566362 |
| 7.22E+09 | 1.726232 |
| 6.3E+09 | 2.433666 |
| 7.16E+09 | 7.568437 |
| 8.95E+09 | 2.697606 |
| 3.89E+09 | 1.008357 |
| 6.35E+08 | 2.787555 |
| 2.32E+09 | 3.098462 |
| 2.76E+09 | 1.409272 |
| 3.43E+09 | 1.295988 |
| 5.7E+09 | 1.955717 |
| 7.59E+09 | 0.550196 |
| 9.18E+09 | 2.530594 |
| 9.83E+09 | 2.528068 |
| 8.56E+09 | 1.431309 |
| 9.83E+09 | 2.676529 |
| 7.5E+09 | 3.045314 |
| 2.77E+09 | 1.178326 |
| 1.25E+09 | 2.010665 |
| 2.47E+09 | 3.267539 |

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| 1.43E+09 | 2.245756 |
| 7.59E+09 | 1.439498 |
| 6.84E+09 | 1.43101 |
| 9.83E+09 | 1.594831 |
| 8.94E+09 | 1.617522 |
| 6.79E+09 | 3.619092 |
| 2.3E+09 | 2.685569 |
| 7.98E+09 | 1.674999 |
| 4.04E+09 | 1.371892 |
| 9.84E+08 | 2.446904 |
| 2.94E+09 | 4.375799 |
| 8.73E+09 | 2.096839 |
| 1.45E+09 | 1.393947 |
| 9.52E+08 | 2.916454 |
| 1.4E+09 | 3.398065 |
| 2.49E+09 | 1.612533 |
| 8.11E+09 | 2.453315 |
| 8.68E+09 | 2.770797 |
| 8.09E+08 | 2.253329 |
| 4.05E+09 | 3.075189 |
| 2.99E+09 | 2.003661 |
| 9.46E+09 | 1.048521 |
| 5.1E+09 | 1.965633 |
| 9.41E+09 | 2.41854 |
| 2.11E+09 | 3.836297 |
| 1.85E+09 | 3.54025 |
| 2.62E+09 | 4.477575 |
| 3.65E+09 | 2.23611 |
| 1.43E+09 | 2.049995 |
| 9.53E+09 | 3.431617 |
| 6.74E+09 | 2.549677 |
| 9.29E+09 | 2.129906 |
| 2.11E+09 | 1.612085 |
| 7.85E+09 | 5.346313 |
| 8.68E+08 | 2.891119 |
| 1.45E+09 | 1.681981 |
| 9.11E+09 | 1.443634 |
| 8.86E+09 | 2.511632 |
| 2.33E+09 | 2.15802 |
| 3.03E+09 | 2.874179 |
| 7.58E+09 | 4.777902 |
| 2.42E+09 | 0.943291 |
| 9.27E+09 | 1.53564 |
| 1.77E+09 | 2.302934 |
| 9.5E+09 | 2.495268 |
| 7.31E+09 | 1.760839 |
| 3.34E+09 | 1.690875 |

5.68E+09 3.495628
9.81E+09 3.08509
8.81E+09 2.621603
3.82E+09 2.806725
3.42E+09 4.105423
3.94E+09 2.020251
5.24E+08 2.546948
4.31E+09 3.626518
1.26E+09 1.833231
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2.42E+09 6.799039
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3.57E+08 2.009472
5.67E+09 1.250719
4.17E+09 1.83426
9.19E+09 2.573192
2.96E+09 1.428812
1.02E+09 1.17999
7.75E+09 1.077991
7.15E+09 4.129062
4.41E+09 1.204807
6.3E+08 5.266857
2.03E+09 1.025633
6.12E+09 5.574117
3.38E+09 2.081255
2.47E+09 3.04137
7.21E+09 2.626496
1.77E+09 1.395088
5.13E+09 2.016561
6.67E+09 2.560914
5.47E+09 2.878101
7.82E+09 1.906964
3.79E+09 2.281915
6.36E+09 1.478021
5.97E+08 1.384649
8.03E+09 2.130927
9.3E+09 2.880149
8.9E+09 2.082307
6.61E+09 1.754527
2.16E+09 2.369696
7.73E+09 3.288965
3.86E+09 1.705478
2.56E+09 2.518704
4.39E+09 5.74883
7.4E+09 2.041195