Zadání:

Vytvořte textový soubor, který bude:

1. Oddělovačem desetiných míst bude „,“
2. Sloupec Y bude zvětšen o hodnotu 1234567,89
3. Soubor bude seřazen podle velikosti sloupce H
4. Mezi sloupec Y a X bude vložen sloupec, který obsahuju hodnoty 1 až N
5. Tento sloupec bude označen jako kód
6. Sloupce budou mezi sebou odděleny mezerou

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Č. b. | Y | X | H | Popis | Popis 2 | Popis 3 |
| 1 | 1087.047 | 4986.896 | 113.31 | Aa | bb | cc |
| 2 | 1088.426 | 4988.364 | 113.30 | Aa | bb | cc |
| 3 | 1090.395 | 4990.421 | 113.93 | aa | bb | cc |
| 4 | 1090.034 | 4991.734 | 113.94 | aa | bb | cc |
| 5 | 1090.366 | 4990.431 | 113.30 | aa | bb | cc |
| 6 | 1091.359 | 4990.475 | 113.92 | aa | bb | cc |
| 7 | 1091.370 | 4990.481 | 114.16 | aa | bb | cc |
| 8 | 1091.414 | 4990.487 | 114.17 | aa | bb | cc |
| 24 | 1085.397 | 4984.500 | 108.58 | aa | bb | cc |
| 25 | 1085.774 | 4983.803 | 108.66 | aa | bb | cc |
| 26 | 1085.546 | 4983.578 | 108.66 | aa | bb | cc |
| 27 | 1096.597 | 4989.697 | 101.60 | aa | bb | cc |
| 28 | 1096.713 | 4989.819 | 101.60 | aa | bb | cc |
| 29 | 1096.712 | 4989.831 | 101.44 | aa | bb | cc |
| 30 | 1098.306 | 4991.526 | 100.16 | aa | bb | cc |
| 31 | 1098.401 | 4991.315 | 109.01 | aa | bb | cc |
| 32 | 1098.784 | 4990.937 | 109.25 | aa | bb | cc |
| 33 | 1098.828 | 4990.902 | 110.77 | aa | bb | cc |
| 34 | 1098.824 | 4992.212 | 101.99 | aa | bb | cc |
| 35 | 1098.939 | 4992.205 | 101.95 | aa | bb | cc |
| 36 | 1098.972 | 4992.199 | 101.97 | aa | bb | cc |
| 37 | 1098.301 | 4991.521 | 99.66 | aa | bb | cc |
| 38 | 1098.407 | 4991.644 | 99.67 | aa | bb | cc |
| 39 | 1098.501 | 4991.721 | 99.65 | aa | bb | cc |
| 40 | 1098.698 | 4991.529 | 99.60 | aa | bb | cc |
| 41 | 1099.316 | 4992.237 | 99.59 | aa | bb | cc |
| 42 | 1098.491 | 4991.551 | 99.52 | aa | bb | cc |
| 43 | 1084.594 | 4984.318 | 109.85 | aa | bb | cc |
| 44 | 1084.595 | 4984.312 | 110.04 | aa | bb | cc |
| 45 | 1085.058 | 4984.789 | 109.82 | aa | bb | cc |
| 46 | 1088.261 | 4981.790 | 109.85 | aa | bb | cc |
| 47 | 1088.277 | 4980.861 | 109.87 | aa | bb | cc |
| 48 | 1088.281 | 4980.854 | 110.07 | aa | bb | cc |
| 49 | 1088.294 | 4980.962 | 110.25 | aa | bb | cc |
| 50 | 1093.145 | 4985.991 | 109.81 | aa | bb | cc |
| 51 | 1093.147 | 4985.978 | 110.01 | aa | bb | cc |
| 52 | 1093.146 | 4986.084 | 110.24 | aa | bb | cc |
| 53 | 1093.595 | 4985.670 | 110.19 | aa | bb | cc |
| 54 | 1093.594 | 4985.568 | 109.99 | aa | bb | cc |
| 55 | 1093.592 | 4985.579 | 109.80 | aa | bb | cc |
| 56 | 1099.818 | 4992.250 | 109.78 | aa | bb | cc |
| 57 | 1099.818 | 4992.255 | 109.97 | aa | bb | cc |
| 58 | 1099.731 | 4992.244 | 110.20 | aa | bb | cc |
| 59 | 1099.772 | 4992.240 | 110.24 | aa | bb | cc |
| 60 | 1093.519 | 4986.550 | 109.80 | aa | bb | cc |
| 61 | 1093.517 | 4986.559 | 109.18 | aa | bb | cc |
| 62 | 1093.515 | 4986.569 | 109.17 | aa | bb | cc |
| 63 | 1098.851 | 4992.217 | 109.20 | aa | bb | cc |
| 64 | 1098.818 | 4992.217 | 109.18 | aa | bb | cc |
| 65 | 1041.789 | 5021.370 | 117.36 | aa | bb | cc |
| 66 | 1043.274 | 5019.962 | 117.36 | aa | bb | cc |
| 67 | 1041.783 | 5021.383 | 115.08 | aa | bb | cc |
| 68 | 1043.796 | 5019.482 | 117.34 | aa | bb | cc |
| 69 | 1045.276 | 5018.092 | 117.36 | aa | bb | cc |
| 70 | 1043.792 | 5019.496 | 115.08 | aa | bb | cc |
| 71 | 1044.366 | 5019.167 | 115.15 | aa | bb | cc |
| 72 | 1044.446 | 5019.098 | 115.15 | aa | bb | cc |
| 73 | 1044.864 | 5018.692 | 116.30 | aa | bb | cc |
| 74 | 1044.936 | 5018.620 | 116.30 | aa | bb | cc |
| 75 | 1044.933 | 5018.624 | 116.19 | aa | bb | cc |
| 76 | 1041.532 | 5021.596 | 113.47 | aa | bb | cc |
| 77 | 1042.533 | 5020.647 | 113.47 | aa | bb | cc |
| 78 | 1043.535 | 5019.710 | 113.47 | aa | bb | cc |
| 79 | 1044.531 | 5018.767 | 113.47 | aa | bb | cc |
| 80 | 1045.533 | 5017.820 | 113.47 | aa | bb | cc |
| 81 | 1041.656 | 5015.705 | 113.44 | aa | bb | cc |
| 82 | 1041.653 | 5015.704 | 113.52 | aa | bb | cc |
| 83 | 1036.664 | 5020.424 | 113.43 | aa | bb | cc |
| 84 | 1036.660 | 5020.422 | 113.50 | aa | bb | cc |
| 85 | 1037.655 | 5019.481 | 113.43 | aa | bb | cc |
| 86 | 1037.659 | 5019.480 | 113.50 | aa | bb | cc |
| 87 | 1041.493 | 5021.638 | 113.47 | aa | bb | cc |
| 88 | 1041.514 | 5021.611 | 113.47 | aa | bb | cc |
| 89 | 1041.548 | 5021.585 | 113.47 | aa | bb | cc |
| 90 | 1041.568 | 5021.566 | 113.47 | aa | bb | cc |
| 91 | 1041.489 | 5021.636 | 113.55 | aa | bb | cc |
| 92 | 1041.494 | 5021.621 | 113.71 | aa | bb | cc |
| 93 | 1040.402 | 5020.428 | 113.53 | aa | bb | cc |
| 150 | 1086.410 | 5004.090 | 101.98 | aa | bb | cc |
| 151 | 1086.398 | 5003.958 | 102.00 | aa | bb | cc |
| 152 | 1086.390 | 5003.943 | 109.23 | aa | bb | cc |
| 153 | 1073.947 | 5002.203 | 113.34 | aa | bb | cc |
| 154 | 1086.357 | 5004.898 | 109.84 | aa | bb | cc |
| 155 | 1086.345 | 5004.899 | 110.02 | aa | bb | cc |
| 156 | 1086.360 | 5004.823 | 110.23 | aa | bb | cc |
| 157 | 1098.949 | 4992.223 | 99.66 | aa | bb | cc |
| 158 | 1099.130 | 4992.439 | 99.62 | aa | bb | cc |
| 159 | 1099.132 | 4992.441 | 99.50 | aa | bb | cc |
| 160 | 1097.314 | 4993.782 | 99.66 | aa | bb | cc |
| 161 | 1097.509 | 4993.968 | 99.62 | aa | bb | cc |
| 162 | 1097.607 | 4994.061 | 99.40 | aa | bb | cc |
| 163 | 1099.813 | 4992.255 | 109.79 | aa | bb | cc |
| 164 | 1096.557 | 4994.401 | 109.21 | aa | bb | cc |
| 165 | 1085.272 | 4995.290 | 113.33 | aa | bb | cc |
| 166 | 1083.839 | 4996.670 | 113.33 | aa | bb | cc |
| 167 | 1090.407 | 4990.450 | 113.94 | aa | bb | cc |
| 168 | 1091.372 | 4990.497 | 113.94 | aa | bb | cc |
| 169 | 1081.560 | 4999.811 | 114.00 | aa | bb | cc |
| 170 | 1081.550 | 4999.799 | 114.19 | aa | bb | cc |
| 171 | 1081.557 | 4999.703 | 114.37 | aa | bb | cc |
| 172 | 1081.572 | 4998.807 | 113.33 | aa | bb | cc |
| 173 | 1081.566 | 4998.825 | 113.36 | aa | bb | cc |
| 174 | 1090.387 | 4990.497 | 115.01 | aa | bb | cc |
| 175 | 1090.463 | 4990.509 | 115.10 | aa | bb | cc |
| 176 | 1081.578 | 4998.814 | 115.03 | aa | bb | cc |
| 177 | 1082.031 | 4998.386 | 114.81 | aa | bb | cc |
| 178 | 1082.317 | 4998.122 | 114.82 | aa | bb | cc |
| 179 | 1082.433 | 4998.006 | 114.82 | aa | bb | cc |
| 180 | 1082.707 | 4997.744 | 114.81 | aa | bb | cc |
| 181 | 1086.834 | 4993.841 | 114.78 | aa | bb | cc |
| 182 | 1087.104 | 4993.579 | 114.78 | aa | bb | cc |
| 183 | 1086.582 | 4993.814 | 115.32 | aa | bb | cc |
| 184 | 1086.558 | 4994.025 | 115.30 | aa | bb | cc |
| 185 | 1086.354 | 4994.067 | 115.27 | aa | bb | cc |
| 186 | 1086.599 | 4994.059 | 115.39 | aa | bb | cc |
| 187 | 1086.628 | 4994.082 | 115.68 | aa | bb | cc |
| 188 | 1086.666 | 4993.745 | 115.53 | aa | bb | cc |
| 189 | 1086.298 | 4994.155 | 115.53 | aa | bb | cc |
| 190 | 1079.071 | 4997.524 | 113.36 | aa | bb | cc |
| 191 | 1093.076 | 4997.787 | 101.11 | aa | bb | cc |
| 192 | 1092.358 | 4998.475 | 101.11 | aa | bb | cc |
| 193 | 1092.282 | 4998.553 | 100.71 | aa | bb | cc |
| 194 | 1093.061 | 4997.784 | 101.11 | aa | bb | cc |
| 195 | 1090.322 | 5000.382 | 99.82 | aa | bb | cc |
| 196 | 1090.173 | 5000.525 | 99.83 | aa | bb | cc |
| 197 | 1094.689 | 4996.250 | 99.76 | aa | bb | cc |
| 198 | 1094.546 | 4996.395 | 99.77 | aa | bb | cc |
| 199 | 1086.408 | 5004.056 | 99.66 | aa | bb | cc |
| 200 | 1086.407 | 5004.429 | 99.62 | aa | bb | cc |
| 201 | 1086.374 | 5004.511 | 99.51 | aa | bb | cc |
| 202 | 1085.798 | 5003.803 | 99.60 | aa | bb | cc |
| 203 | 1085.866 | 5003.558 | 99.75 | aa | bb | cc |
| 204 | 1079.704 | 4997.545 | 99.55 | aa | bb | cc |
| 205 | 1081.143 | 4998.457 | 99.75 | aa | bb | cc |
| 206 | 1081.029 | 4998.349 | 99.76 | aa | bb | cc |
| 207 | 1081.027 | 4998.344 | 99.65 | aa | bb | cc |
| 208 | 1082.809 | 5000.262 | 101.11 | aa | bb | cc |
| 209 | 1082.237 | 4999.641 | 101.10 | aa | bb | cc |
| 210 | 1082.810 | 5000.250 | 100.06 | aa | bb | cc |
| 211 | 1080.741 | 4998.052 | 101.12 | aa | bb | cc |
| 212 | 1080.058 | 4997.302 | 101.13 | aa | bb | cc |
| 213 | 1080.748 | 4998.054 | 100.07 | aa | bb | cc |
| 214 | 1080.892 | 4998.214 | 101.89 | aa | bb | cc |
| 215 | 1080.764 | 4998.082 | 101.90 | aa | bb | cc |
| 216 | 1080.765 | 4998.081 | 101.79 | aa | bb | cc |
| 217 | 1080.937 | 4998.174 | 103.64 | aa | bb | cc |
| 218 | 1080.941 | 4998.176 | 108.59 | aa | bb | cc |
| 219 | 1079.815 | 4996.987 | 109.22 | aa | bb | cc |
| 220 | 1079.828 | 4997.001 | 109.21 | aa | bb | cc |
| 221 | 1080.959 | 4998.183 | 107.44 | aa | bb | cc |
| 222 | 1080.504 | 4998.746 | 109.76 | aa | bb | cc |
| 223 | 1080.496 | 4998.749 | 109.96 | aa | bb | cc |
| 224 | 1079.893 | 4997.065 | 112.09 | aa | bb | cc |
| 225 | 1079.519 | 4997.060 | 112.11 | aa | bb | cc |
| 226 | 1077.811 | 4998.566 | 113.08 | aa | bb | cc |
| 227 | 1079.037 | 4997.522 | 111.55 | aa | bb | cc |
| 228 | 1077.261 | 4999.084 | 113.36 | aa | bb | cc |
| 229 | 1076.080 | 5000.187 | 112.77 | aa | bb | cc |
| 230 | 1075.553 | 5000.678 | 113.04 | aa | bb | cc |
| 231 | 1072.706 | 5003.471 | 112.36 | aa | bb | cc |
| 232 | 1070.871 | 5005.180 | 112.11 | aa | bb | cc |
| 233 | 1078.496 | 5012.348 | 104.38 | aa | bb | cc |
| 234 | 1070.881 | 5005.192 | 111.07 | aa | bb | cc |
| 235 | 1069.629 | 5006.225 | 112.00 | aa | bb | cc |
| 236 | 1069.101 | 5006.736 | 113.37 | aa | bb | cc |
| 237 | 1067.926 | 5007.838 | 113.36 | aa | bb | cc |
| 238 | 1067.387 | 5008.352 | 113.37 | aa | bb | cc |
| 239 | 1071.882 | 5004.265 | 102.89 | aa | bb | cc |
| 240 | 1079.697 | 4997.869 | 114.01 | aa | bb | cc |
| 241 | 1079.687 | 4997.870 | 114.19 | aa | bb | cc |
| 242 | 1079.708 | 4997.766 | 114.40 | aa | bb | cc |
| 243 | 1079.713 | 4996.960 | 100.23 | aa | bb | cc |
| 244 | 1079.012 | 4997.495 | 109.21 | aa | bb | cc |
| 245 | 1077.799 | 4998.563 | 109.07 | aa | bb | cc |
| 246 | 1077.250 | 4999.079 | 109.21 | aa | bb | cc |
| 247 | 1076.085 | 5000.186 | 109.21 | aa | bb | cc |
| 248 | 1075.543 | 5000.686 | 108.90 | aa | bb | cc |
| 249 | 1074.374 | 5001.801 | 109.13 | aa | bb | cc |
| 250 | 1073.830 | 5002.300 | 107.74 | aa | bb | cc |
| 251 | 1072.692 | 5003.470 | 107.96 | aa | bb | cc |
| 252 | 1072.923 | 5003.274 | 107.44 | aa | bb | cc |
| 253 | 1070.861 | 5005.185 | 109.12 | aa | bb | cc |
| 254 | 1070.414 | 5005.581 | 109.22 | aa | bb | cc |
| 255 | 1070.872 | 5005.192 | 106.93 | aa | bb | cc |
| 256 | 1069.640 | 5006.245 | 107.89 | aa | bb | cc |
| 257 | 1067.926 | 5007.857 | 108.86 | aa | bb | cc |
| 258 | 1067.921 | 5007.848 | 105.16 | aa | bb | cc |
| 259 | 1069.099 | 5006.739 | 105.15 | aa | bb | cc |
| 260 | 1069.637 | 5006.240 | 105.16 | aa | bb | cc |
| 261 | 1070.837 | 5005.170 | 105.15 | aa | bb | cc |
| 318 | 1062.448 | 5013.112 | 113.35 | aa | bb | cc |
| 319 | 1059.225 | 5016.019 | 112.80 | aa | bb | cc |
| 320 | 1058.055 | 5017.124 | 112.36 | aa | bb | cc |
| 321 | 1057.516 | 5017.617 | 112.89 | aa | bb | cc |
| 322 | 1059.990 | 5015.425 | 111.54 | aa | bb | cc |
| 323 | 1064.543 | 5011.138 | 111.06 | aa | bb | cc |
| 324 | 1067.411 | 5008.360 | 109.22 | aa | bb | cc |
| 325 | 1066.236 | 5009.471 | 109.22 | aa | bb | cc |
| 326 | 1065.691 | 5009.975 | 109.22 | aa | bb | cc |
| 327 | 1064.560 | 5011.138 | 109.21 | aa | bb | cc |
| 328 | 1064.549 | 5011.141 | 106.93 | aa | bb | cc |
| 329 | 1062.719 | 5012.847 | 107.72 | aa | bb | cc |
| 330 | 1061.493 | 5013.913 | 107.59 | aa | bb | cc |
| 331 | 1060.953 | 5014.414 | 107.68 | aa | bb | cc |
| 332 | 1059.240 | 5016.022 | 109.21 | aa | bb | cc |
| 333 | 1058.068 | 5017.133 | 109.21 | aa | bb | cc |
| 334 | 1057.528 | 5017.644 | 109.21 | aa | bb | cc |
| 335 | 1062.733 | 5012.859 | 107.44 | aa | bb | cc |
| 336 | 1067.400 | 5008.359 | 105.16 | aa | bb | cc |
| 337 | 1066.226 | 5009.476 | 105.16 | aa | bb | cc |
| 338 | 1065.682 | 5009.976 | 105.16 | aa | bb | cc |
| 339 | 1064.544 | 5011.139 | 105.16 | aa | bb | cc |
| 340 | 1064.541 | 5011.144 | 102.85 | aa | bb | cc |
| 341 | 1062.705 | 5012.840 | 105.17 | aa | bb | cc |
| 342 | 1061.494 | 5013.914 | 105.17 | aa | bb | cc |
| 343 | 1060.947 | 5014.415 | 105.17 | aa | bb | cc |
| 344 | 1059.233 | 5016.029 | 105.18 | aa | bb | cc |
| 345 | 1066.530 | 5009.340 | 101.19 | aa | bb | cc |
| 346 | 1065.539 | 5010.267 | 101.18 | aa | bb | cc |
| 347 | 1064.808 | 5010.972 | 101.19 | aa | bb | cc |
| 348 | 1062.521 | 5013.115 | 101.19 | aa | bb | cc |
| 349 | 1061.782 | 5013.821 | 101.19 | aa | bb | cc |
| 350 | 1060.815 | 5014.719 | 101.18 | aa | bb | cc |
| 351 | 1060.085 | 5015.410 | 101.18 | aa | bb | cc |
| 352 | 1059.114 | 5016.316 | 101.17 | aa | bb | cc |
| 353 | 1058.374 | 5017.016 | 101.17 | aa | bb | cc |
| 354 | 1057.412 | 5017.921 | 100.77 | aa | bb | cc |
| 355 | 1056.672 | 5018.609 | 101.17 | aa | bb | cc |
| 356 | 1056.673 | 5018.624 | 100.08 | aa | bb | cc |
| 357 | 1066.535 | 5009.348 | 100.11 | aa | bb | cc |
| 358 | 1056.291 | 5024.052 | 105.17 | aa | bb | cc |
| 359 | 1053.668 | 5026.583 | 103.39 | aa | bb | cc |
| 360 | 1057.058 | 5023.396 | 109.22 | aa | bb | cc |
| 361 | 1056.275 | 5024.050 | 109.23 | aa | bb | cc |
| 362 | 1055.685 | 5024.592 | 109.23 | aa | bb | cc |
| 363 | 1054.941 | 5025.298 | 109.23 | aa | bb | cc |
| 364 | 1054.369 | 5025.834 | 109.22 | aa | bb | cc |
| 365 | 1053.672 | 5026.601 | 109.22 | aa | bb | cc |
| 366 | 1053.669 | 5026.604 | 107.43 | aa | bb | cc |
| 367 | 1057.048 | 5023.421 | 113.36 | aa | bb | cc |
| 368 | 1056.272 | 5024.081 | 113.37 | aa | bb | cc |
| 369 | 1055.695 | 5024.617 | 113.38 | aa | bb | cc |
| 370 | 1054.966 | 5025.317 | 113.38 | aa | bb | cc |
| 371 | 1054.382 | 5025.861 | 113.39 | aa | bb | cc |
| 372 | 1053.676 | 5026.600 | 113.39 | aa | bb | cc |
| 373 | 1053.677 | 5026.615 | 111.59 | aa | bb | cc |
| 374 | 1053.410 | 5026.885 | 113.41 | aa | bb | cc |
| 375 | 1053.395 | 5026.870 | 113.40 | aa | bb | cc |
| 376 | 1053.668 | 5027.598 | 114.00 | aa | bb | cc |
| 377 | 1053.675 | 5027.599 | 114.20 | aa | bb | cc |
| 378 | 1053.204 | 5027.098 | 113.99 | aa | bb | cc |
| 379 | 1057.533 | 5020.387 | 113.99 | aa | bb | cc |
| 380 | 1057.937 | 5022.575 | 112.46 | aa | bb | cc |
| 381 | 1058.051 | 5022.283 | 112.55 | aa | bb | cc |
| 382 | 1058.019 | 5021.972 | 112.67 | aa | bb | cc |
| 383 | 1052.211 | 5022.709 | 117.57 | aa | bb | cc |
| 384 | 1052.200 | 5022.682 | 118.12 | aa | bb | cc |
| 385 | 1052.324 | 5022.700 | 118.14 | aa | bb | cc |
| 386 | 1052.310 | 5022.675 | 118.27 | aa | bb | cc |
| 387 | 1052.372 | 5022.705 | 118.26 | aa | bb | cc |
| 388 | 1052.252 | 5022.708 | 118.43 | aa | bb | cc |
| 389 | 1052.287 | 5022.712 | 118.47 | aa | bb | cc |
| 390 | 1050.627 | 5024.195 | 117.42 | aa | bb | cc |
| 391 | 1044.056 | 5030.408 | 118.05 | aa | bb | cc |
| 392 | 1043.480 | 5030.204 | 118.44 | aa | bb | cc |
| 393 | 1044.063 | 5030.523 | 118.22 | aa | bb | cc |
| 394 | 1043.445 | 5030.255 | 118.85 | aa | bb | cc |
| 395 | 1043.465 | 5030.301 | 118.86 | aa | bb | cc |
| 396 | 1055.185 | 5029.789 | 118.11 | aa | bb | cc |
| 397 | 1055.274 | 5029.536 | 118.11 | aa | bb | cc |
| 398 | 1055.178 | 5029.204 | 118.10 | aa | bb | cc |
| 399 | 1055.259 | 5029.152 | 118.19 | aa | bb | cc |
| 400 | 1055.355 | 5029.434 | 118.24 | aa | bb | cc |
| 401 | 1055.283 | 5029.805 | 118.26 | aa | bb | cc |
| 402 | 1055.244 | 5029.807 | 118.43 | aa | bb | cc |
| 403 | 1055.239 | 5029.194 | 118.45 | aa | bb | cc |
| 404 | 1054.552 | 5030.601 | 118.05 | aa | bb | cc |
| 405 | 1054.627 | 5030.716 | 117.99 | aa | bb | cc |
| 406 | 1054.785 | 5030.722 | 118.26 | aa | bb | cc |
| 407 | 1051.919 | 5033.291 | 118.10 | aa | bb | cc |
| 408 | 1051.889 | 5033.400 | 118.13 | aa | bb | cc |
| 409 | 1051.891 | 5033.437 | 118.27 | aa | bb | cc |
| 410 | 1051.009 | 5033.778 | 118.15 | aa | bb | cc |
| 411 | 1050.753 | 5033.883 | 118.17 | aa | bb | cc |
| 412 | 1050.241 | 5033.788 | 118.14 | aa | bb | cc |
| 413 | 1050.773 | 5033.827 | 115.00 | aa | bb | cc |
| 414 | 1050.532 | 5033.830 | 115.13 | aa | bb | cc |
| 415 | 1051.214 | 5033.522 | 113.97 | aa | bb | cc |
| 416 | 1054.788 | 5030.166 | 113.50 | aa | bb | cc |
| 417 | 1054.282 | 5031.033 | 117.52 | aa | bb | cc |
| 418 | 1052.252 | 5032.979 | 117.52 | aa | bb | cc |
| 419 | 1054.185 | 5030.952 | 104.66 | aa | bb | cc |
| 420 | 1052.160 | 5032.866 | 104.67 | aa | bb | cc |
| 421 | 1052.082 | 5032.780 | 106.70 | aa | bb | cc |
| 422 | 1052.080 | 5032.776 | 106.85 | aa | bb | cc |
| 423 | 1052.075 | 5032.773 | 108.85 | aa | bb | cc |
| 424 | 1052.080 | 5032.776 | 109.00 | aa | bb | cc |
| 425 | 1052.075 | 5032.774 | 111.00 | aa | bb | cc |
| 426 | 1052.070 | 5032.770 | 111.15 | aa | bb | cc |
| 427 | 1052.068 | 5032.776 | 113.17 | aa | bb | cc |
| 428 | 1052.074 | 5032.781 | 113.31 | aa | bb | cc |
| 429 | 1052.058 | 5032.770 | 115.36 | aa | bb | cc |
| 430 | 1052.061 | 5032.772 | 115.46 | aa | bb | cc |
| 431 | 1054.645 | 5030.701 | 106.44 | aa | bb | cc |
| 432 | 1051.910 | 5033.306 | 106.52 | aa | bb | cc |
| 433 | 1054.815 | 5030.151 | 104.94 | aa | bb | cc |
| 434 | 1051.328 | 5033.442 | 104.94 | aa | bb | cc |
| 435 | 1055.051 | 5029.953 | 107.25 | aa | bb | cc |
| 436 | 1054.601 | 5030.386 | 107.26 | aa | bb | cc |
| 437 | 1051.566 | 5033.234 | 107.26 | aa | bb | cc |
| 438 | 1051.106 | 5033.666 | 107.26 | aa | bb | cc |
| 439 | 1054.499 | 5030.915 | 100.53 | aa | bb | cc |
| 440 | 1054.499 | 5030.915 | 100.55 | aa | bb | cc |
| 441 | 1055.606 | 5029.509 | 103.63 | aa | bb | cc |
| 442 | 1054.714 | 5030.671 | 103.65 | aa | bb | cc |
| 443 | 1054.589 | 5030.478 | 103.56 | aa | bb | cc |
| 444 | 1054.206 | 5031.121 | 103.55 | aa | bb | cc |
| 445 | 1053.836 | 5030.907 | 103.55 | aa | bb | cc |
| 446 | 1052.128 | 5032.532 | 103.55 | aa | bb | cc |
| 447 | 1052.340 | 5032.903 | 103.55 | aa | bb | cc |
| 448 | 1051.852 | 5033.372 | 103.64 | aa | bb | cc |
| 449 | 1054.186 | 5033.022 | 103.69 | aa | bb | cc |
| 450 | 1054.243 | 5031.140 | 100.35 | aa | bb | cc |
| 451 | 1054.897 | 5032.752 | 100.33 | aa | bb | cc |
| 452 | 1055.459 | 5033.087 | 99.91 | aa | bb | cc |
| 453 | 1051.049 | 5033.819 | 100.59 | aa | bb | cc |
| 454 | 1050.974 | 5033.911 | 100.62 | aa | bb | cc |
| 455 | 1047.049 | 5032.721 | 113.35 | aa | bb | cc |
| 456 | 1046.451 | 5033.285 | 113.35 | aa | bb | cc |
| 457 | 1045.704 | 5033.976 | 113.35 | aa | bb | cc |
| 458 | 1045.117 | 5034.530 | 113.34 | aa | bb | cc |
| 459 | 1044.439 | 5035.288 | 113.34 | aa | bb | cc |
| 460 | 1045.147 | 5034.624 | 111.56 | aa | bb | cc |
| 461 | 1047.053 | 5032.741 | 109.21 | aa | bb | cc |
| 462 | 1046.465 | 5033.284 | 109.21 | aa | bb | cc |
| 463 | 1045.723 | 5033.977 | 109.21 | aa | bb | cc |
| 464 | 1045.121 | 5034.550 | 109.21 | aa | bb | cc |
| 465 | 1046.000 | 5033.819 | 107.43 | aa | bb | cc |
| 466 | 1047.039 | 5032.729 | 105.14 | aa | bb | cc |
| 467 | 1046.454 | 5033.277 | 105.14 | aa | bb | cc |
| 468 | 1045.725 | 5033.978 | 105.14 | aa | bb | cc |
| 469 | 1045.088 | 5034.528 | 104.34 | aa | bb | cc |
| 470 | 1044.432 | 5035.287 | 103.64 | aa | bb | cc |
| 471 | 1045.951 | 5033.863 | 103.36 | aa | bb | cc |
| 472 | 1045.926 | 5033.851 | 101.98 | aa | bb | cc |
| 473 | 1046.002 | 5033.886 | 101.93 | aa | bb | cc |
| 474 | 1048.975 | 5033.287 | 101.15 | aa | bb | cc |
| 475 | 1046.539 | 5033.369 | 101.15 | aa | bb | cc |
| 476 | 1045.799 | 5034.068 | 101.15 | aa | bb | cc |
| 477 | 1045.587 | 5034.777 | 101.15 | aa | bb | cc |
| 478 | 1044.476 | 5035.323 | 101.15 | aa | bb | cc |
| 479 | 1044.523 | 5035.348 | 100.08 | aa | bb | cc |
| 480 | 1036.258 | 5037.826 | 100.56 | aa | bb | cc |
| 481 | 1035.511 | 5038.533 | 101.17 | aa | bb | cc |
| 482 | 1034.575 | 5039.442 | 101.17 | aa | bb | cc |
| 483 | 1033.806 | 5040.130 | 101.17 | aa | bb | cc |
| 484 | 1031.137 | 5042.346 | 101.17 | aa | bb | cc |
| 485 | 1030.702 | 5043.054 | 101.18 | aa | bb | cc |
| 486 | 1029.742 | 5043.971 | 101.18 | aa | bb | cc |
| 487 | 1028.986 | 5044.665 | 101.18 | aa | bb | cc |
| 488 | 1029.725 | 5043.968 | 100.12 | aa | bb | cc |
| 489 | 1028.816 | 5044.854 | 100.86 | aa | bb | cc |
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| 494 | 1043.822 | 5036.766 | 113.98 | aa | bb | cc |
| 495 | 1043.839 | 5036.771 | 114.19 | aa | bb | cc |
| 496 | 1043.815 | 5036.685 | 114.39 | aa | bb | cc |
| 497 | 1041.989 | 5036.211 | 113.98 | aa | bb | cc |
| 498 | 1043.951 | 5035.752 | 113.34 | aa | bb | cc |
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| 500 | 1024.604 | 5057.413 | 109.29 | aa | bb | cc |
| 501 | 1024.267 | 5057.730 | 109.28 | aa | bb | cc |
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| 503 | 1024.491 | 5057.303 | 109.30 | aa | bb | cc |
| 504 | 1024.130 | 5057.201 | 109.25 | aa | bb | cc |
| 505 | 1030.971 | 5040.044 | 116.07 | aa | bb | cc |
| 506 | 1047.867 | 5032.130 | 101.16 | aa | bb | cc |
| 507 | 1047.106 | 5032.851 | 101.16 | aa | bb | cc |
| 508 | 1045.215 | 5034.641 | 101.15 | aa | bb | cc |
| 509 | 1039.672 | 5034.636 | 101.17 | aa | bb | cc |
| 510 | 1038.934 | 5035.332 | 101.17 | aa | bb | cc |
| 511 | 1037.965 | 5036.246 | 101.17 | aa | bb | cc |
| 512 | 1037.229 | 5036.940 | 101.17 | aa | bb | cc |
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| 522 | 1031.608 | 5042.130 | 113.35 | aa | bb | cc |
| 523 | 1030.415 | 5043.205 | 113.35 | aa | bb | cc |
| 524 | 1029.855 | 5043.716 | 113.35 | aa | bb | cc |
| 525 | 1028.726 | 5044.832 | 113.36 | aa | bb | cc |
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| 543 | 1028.742 | 5044.833 | 109.24 | aa | bb | cc |
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| 545 | 1039.861 | 5034.417 | 105.16 | aa | bb | cc |
| 546 | 1038.630 | 5035.451 | 104.07 | aa | bb | cc |
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| 549 | 1036.371 | 5037.563 | 103.80 | aa | bb | cc |
| 550 | 1035.214 | 5038.658 | 103.84 | aa | bb | cc |
| 551 | 1034.656 | 5039.172 | 103.54 | aa | bb | cc |
| 552 | 1033.553 | 5040.319 | 105.15 | aa | bb | cc |
| 553 | 1031.614 | 5042.143 | 105.14 | aa | bb | cc |
| 554 | 1030.431 | 5043.194 | 105.14 | aa | bb | cc |
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| 556 | 1028.736 | 5044.852 | 105.14 | aa | bb | cc |
| 557 | 1028.723 | 5044.862 | 102.92 | aa | bb | cc |
| 558 | 1033.550 | 5040.335 | 103.40 | aa | bb | cc |
| 559 | 1041.321 | 5034.560 | 101.70 | aa | bb | cc |
| 560 | 1041.319 | 5034.564 | 101.59 | aa | bb | cc |
| 561 | 1041.877 | 5035.159 | 100.08 | aa | bb | cc |
| 562 | 1041.767 | 5035.047 | 100.08 | aa | bb | cc |
| 563 | 1041.767 | 5035.047 | 99.97 | aa | bb | cc |
| 564 | 1040.019 | 5034.318 | 100.12 | aa | bb | cc |
| 565 | 1039.870 | 5034.462 | 99.95 | aa | bb | cc |
| 566 | 1049.845 | 5033.407 | 101.10 | aa | bb | cc |
| 567 | 1049.612 | 5033.145 | 101.10 | aa | bb | cc |
| 568 | 1049.605 | 5033.152 | 100.55 | aa | bb | cc |
| 569 | 1049.699 | 5033.216 | 100.38 | aa | bb | cc |
| 570 | 1049.613 | 5033.120 | 100.25 | aa | bb | cc |
| 571 | 1048.691 | 5032.128 | 100.14 | aa | bb | cc |
| 572 | 1048.549 | 5031.976 | 99.99 | aa | bb | cc |
| 573 | 1048.302 | 5031.727 | 101.15 | aa | bb | cc |
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| 575 | 1047.811 | 5032.099 | 102.64 | aa | bb | cc |
| 576 | 1041.333 | 5039.782 | 106.26 | aa | bb | cc |
| 577 | 1049.325 | 5032.704 | 111.58 | aa | bb | cc |
| 578 | 1042.834 | 5036.154 | 101.71 | aa | bb | cc |
| 579 | 1043.143 | 5036.251 | 101.71 | aa | bb | cc |
| 580 | 1043.598 | 5036.156 | 101.72 | aa | bb | cc |
| 581 | 1040.716 | 5033.925 | 101.65 | aa | bb | cc |
| 582 | 1038.191 | 5036.924 | 113.98 | aa | bb | cc |
| 583 | 1037.771 | 5037.336 | 114.17 | aa | bb | cc |
| 584 | 1033.604 | 5040.294 | 102.78 | aa | bb | cc |
| 585 | 1033.471 | 5040.417 | 102.64 | aa | bb | cc |
| 586 | 1027.903 | 5045.708 | 100.11 | aa | bb | cc |
| 587 | 1027.760 | 5045.846 | 100.11 | aa | bb | cc |
| 588 | 1027.929 | 5045.688 | 99.95 | aa | bb | cc |
| 589 | 1052.575 | 5036.281 | 100.22 | aa | bb | cc |
| 590 | 1052.798 | 5036.069 | 100.26 | aa | bb | cc |
| 591 | 1052.321 | 5036.446 | 99.90 | aa | bb | cc |
| 592 | 1048.350 | 5032.184 | 99.92 | aa | bb | cc |
| 593 | 1047.876 | 5032.530 | 99.92 | aa | bb | cc |
| 594 | 1040.583 | 5034.199 | 99.91 | aa | bb | cc |
| 595 | 1028.167 | 5045.873 | 99.91 | aa | bb | cc |
| 596 | 1026.968 | 5046.516 | 113.99 | aa | bb | cc |
| 597 | 1026.853 | 5046.424 | 114.00 | aa | bb | cc |
| 598 | 1024.487 | 5048.645 | 113.98 | aa | bb | cc |
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| 603 | 1026.553 | 5046.670 | 113.36 | aa | bb | cc |
| 604 | 1026.425 | 5046.796 | 111.54 | aa | bb | cc |
| 605 | 1025.277 | 5047.874 | 111.54 | aa | bb | cc |
| 606 | 1026.438 | 5046.788 | 109.31 | aa | bb | cc |
| 607 | 1027.152 | 5046.514 | 109.01 | aa | bb | cc |
| 608 | 1024.498 | 5048.605 | 112.24 | aa | bb | cc |
| 609 | 1026.744 | 5049.532 | 107.95 | aa | bb | cc |
| 610 | 1026.750 | 5049.534 | 108.19 | aa | bb | cc |
| 611 | 1026.697 | 5050.174 | 107.97 | aa | bb | cc |
| 612 | 1025.768 | 5049.231 | 107.43 | aa | bb | cc |
| 613 | 1026.252 | 5049.747 | 107.43 | aa | bb | cc |
| 614 | 1027.070 | 5050.604 | 107.43 | aa | bb | cc |
| 615 | 1027.551 | 5051.120 | 107.43 | aa | bb | cc |
| 616 | 1028.363 | 5051.983 | 107.43 | aa | bb | cc |
| 617 | 1028.384 | 5052.016 | 105.61 | aa | bb | cc |
| 618 | 1030.347 | 5053.364 | 107.97 | aa | bb | cc |
| 619 | 1030.341 | 5053.377 | 108.22 | aa | bb | cc |
| 620 | 1029.652 | 5053.323 | 107.97 | aa | bb | cc |
| 621 | 1029.643 | 5053.327 | 107.44 | aa | bb | cc |
| 622 | 1029.622 | 5053.329 | 107.44 | aa | bb | cc |
| 623 | 1029.617 | 5053.131 | 101.59 | aa | bb | cc |
| 624 | 1028.360 | 5051.988 | 103.83 | aa | bb | cc |
| 625 | 1027.542 | 5051.116 | 103.82 | aa | bb | cc |
| 626 | 1027.049 | 5050.597 | 103.82 | aa | bb | cc |
| 627 | 1026.217 | 5049.713 | 103.81 | aa | bb | cc |
| 628 | 1025.744 | 5049.210 | 103.80 | aa | bb | cc |
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| 630 | 1025.763 | 5049.224 | 101.98 | aa | bb | cc |
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| 632 | 1024.889 | 5048.271 | 101.12 | aa | bb | cc |
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| 634 | 1025.350 | 5047.821 | 103.99 | aa | bb | cc |
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| 637 | 1029.408 | 5049.016 | 104.23 | aa | bb | cc |
| 638 | 1029.550 | 5049.014 | 104.43 | aa | bb | cc |
| 639 | 1029.185 | 5049.143 | 104.23 | aa | bb | cc |
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| 641 | 1027.443 | 5051.018 | 104.44 | aa | bb | cc |
| 642 | 1027.453 | 5051.019 | 104.53 | aa | bb | cc |
| 643 | 1027.040 | 5050.584 | 104.24 | aa | bb | cc |
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| 645 | 1025.809 | 5049.127 | 101.09 | aa | bb | cc |
| 646 | 1027.445 | 5050.891 | 99.88 | aa | bb | cc |
| 647 | 1028.466 | 5050.078 | 99.72 | aa | bb | cc |
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| 649 | 1029.219 | 5052.774 | 99.92 | aa | bb | cc |
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| 657 | 1024.430 | 5058.221 | 107.44 | aa | bb | cc |
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| 659 | 1023.057 | 5059.509 | 107.45 | aa | bb | cc |
| 660 | 1022.179 | 5060.337 | 107.44 | aa | bb | cc |
| 661 | 1022.166 | 5060.351 | 105.63 | aa | bb | cc |
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| 664 | 1020.166 | 5062.242 | 107.46 | aa | bb | cc |
| 665 | 1020.181 | 5062.240 | 107.98 | aa | bb | cc |
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| 1490 | 1038.198 | 5000.823 | 100.75 | aa | bb | cc |
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| 1497 | 1041.896 | 5004.765 | 100.75 | aa | bb | cc |
| 1498 | 1042.496 | 5005.408 | 100.75 | aa | bb | cc |
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| 1524 | 1024.091 | 5008.960 | 99.80 | aa | bb | cc |
| 1525 | 1024.528 | 5009.275 | 99.82 | aa | bb | cc |
| 1526 | 1028.395 | 5005.639 | 99.83 | aa | bb | cc |
| 1527 | 1028.007 | 5005.275 | 99.80 | aa | bb | cc |
| 1528 | 1028.029 | 5005.253 | 99.62 | aa | bb | cc |
| 1529 | 1028.520 | 5005.516 | 99.68 | aa | bb | cc |
| 1530 | 1032.413 | 5001.185 | 99.62 | aa | bb | cc |
| 1531 | 1032.798 | 5001.618 | 99.69 | aa | bb | cc |
| 1532 | 1032.797 | 5001.625 | 100.83 | aa | bb | cc |
| 1533 | 1032.527 | 5000.579 | 99.91 | aa | bb | cc |
| 1534 | 1034.210 | 4998.327 | 99.88 | aa | bb | cc |
| 1535 | 1034.043 | 4998.062 | 99.89 | aa | bb | cc |
| 1536 | 1034.038 | 4998.022 | 99.91 | aa | bb | cc |
| 1537 | 1030.858 | 5001.996 | 98.63 | aa | bb | cc |
| 1538 | 1030.616 | 5001.740 | 98.61 | aa | bb | cc |
| 1539 | 1033.042 | 5001.212 | 98.73 | aa | bb | cc |
| 1540 | 1033.546 | 5000.822 | 98.74 | aa | bb | cc |
| 1541 | 1032.713 | 4999.772 | 98.74 | aa | bb | cc |
| 1542 | 1023.882 | 5008.884 | 98.64 | aa | bb | cc |
| 1543 | 1034.702 | 4999.732 | 99.67 | aa | bb | cc |
| 1544 | 1033.773 | 4998.822 | 99.68 | aa | bb | cc |
| 1545 | 1034.094 | 4998.302 | 101.00 | aa | bb | cc |
| 1546 | 1059.612 | 4998.500 | 114.00 | aa | bb | cc |
| 1547 | 1060.131 | 4998.968 | 113.99 | aa | bb | cc |
| 1548 | 1045.117 | 5013.136 | 113.36 | aa | bb | cc |
| 1549 | 1046.316 | 5012.064 | 113.36 | aa | bb | cc |
| 1550 | 1046.878 | 5011.546 | 113.35 | aa | bb | cc |
| 1551 | 1048.047 | 5010.434 | 113.34 | aa | bb | cc |
| 1552 | 1048.594 | 5009.922 | 113.35 | aa | bb | cc |
| 1553 | 1049.720 | 5008.791 | 113.36 | aa | bb | cc |
| 1554 | 1050.593 | 5007.977 | 113.36 | aa | bb | cc |
| 1555 | 1051.799 | 5006.910 | 113.37 | aa | bb | cc |
| 1556 | 1052.345 | 5006.403 | 113.37 | aa | bb | cc |
| 1557 | 1054.067 | 5004.780 | 113.37 | aa | bb | cc |
| 1558 | 1055.758 | 5003.190 | 113.37 | aa | bb | cc |
| 1559 | 1056.888 | 5002.042 | 113.38 | aa | bb | cc |
| 1560 | 1057.774 | 5001.215 | 113.37 | aa | bb | cc |
| 1561 | 1058.979 | 5000.162 | 113.35 | aa | bb | cc |
| 1562 | 1059.527 | 4999.667 | 113.36 | aa | bb | cc |
| 1563 | 1061.228 | 4998.037 | 113.36 | aa | bb | cc |
| 1564 | 1062.945 | 4996.428 | 113.36 | aa | bb | cc |
| 1565 | 1064.068 | 4995.268 | 113.35 | aa | bb | cc |
| 1566 | 1064.945 | 4994.446 | 113.37 | aa | bb | cc |
| 1567 | 1066.148 | 4993.391 | 113.36 | aa | bb | cc |
| 1568 | 1067.853 | 4991.783 | 113.36 | aa | bb | cc |
| 1569 | 1069.559 | 4990.166 | 113.36 | aa | bb | cc |
| 1570 | 1070.086 | 4989.667 | 113.33 | aa | bb | cc |
| 1571 | 1071.243 | 4988.512 | 113.36 | aa | bb | cc |
| 1572 | 1072.109 | 4987.700 | 113.36 | aa | bb | cc |
| 1573 | 1073.300 | 4986.633 | 113.36 | aa | bb | cc |
| 1574 | 1073.832 | 4986.132 | 113.35 | aa | bb | cc |
| 1575 | 1077.235 | 4982.864 | 113.36 | aa | bb | cc |
| 1576 | 1078.402 | 4981.756 | 113.37 | aa | bb | cc |
| 1577 | 1077.223 | 4982.875 | 111.08 | aa | bb | cc |
| 1578 | 1072.094 | 4987.704 | 111.08 | aa | bb | cc |
| 1579 | 1064.917 | 4994.470 | 111.10 | aa | bb | cc |
| 1580 | 1057.758 | 5001.222 | 111.09 | aa | bb | cc |
| 1581 | 1056.916 | 5002.028 | 111.10 | aa | bb | cc |
| 1582 | 1049.724 | 5008.785 | 111.08 | aa | bb | cc |
| 1583 | 1049.556 | 5008.952 | 110.10 | aa | bb | cc |
| 1584 | 1049.647 | 5008.865 | 110.11 | aa | bb | cc |
| 1585 | 1049.649 | 5008.862 | 110.05 | aa | bb | cc |
| 1586 | 1049.535 | 5008.969 | 110.13 | aa | bb | cc |
| 1587 | 1049.662 | 5008.851 | 110.13 | aa | bb | cc |
| 1588 | 1049.661 | 5008.848 | 110.03 | aa | bb | cc |
| 1589 | 1056.845 | 5002.093 | 110.16 | aa | bb | cc |
| 1590 | 1063.835 | 4995.487 | 110.12 | aa | bb | cc |
| 1591 | 1071.119 | 4988.624 | 110.13 | aa | bb | cc |
| 1592 | 1045.119 | 5013.134 | 109.22 | aa | bb | cc |
| 1593 | 1046.324 | 5012.056 | 109.22 | aa | bb | cc |
| 1594 | 1046.875 | 5011.538 | 109.21 | aa | bb | cc |
| 1595 | 1048.035 | 5010.445 | 109.21 | aa | bb | cc |
| 1596 | 1048.593 | 5009.922 | 109.21 | aa | bb | cc |
| 1597 | 1049.728 | 5008.774 | 109.22 | aa | bb | cc |
| 1598 | 1050.582 | 5007.979 | 109.22 | aa | bb | cc |
| 1599 | 1051.785 | 5006.904 | 109.21 | aa | bb | cc |
| 1600 | 1052.337 | 5006.396 | 109.21 | aa | bb | cc |
| 1601 | 1053.498 | 5005.289 | 109.21 | aa | bb | cc |
| 1602 | 1054.052 | 5004.778 | 109.22 | aa | bb | cc |
| 1603 | 1055.221 | 5003.668 | 109.22 | aa | bb | cc |
| 1604 | 1055.750 | 5003.180 | 109.22 | aa | bb | cc |
| 1605 | 1056.883 | 5002.040 | 109.22 | aa | bb | cc |
| 1606 | 1057.734 | 5001.238 | 109.23 | aa | bb | cc |
| 1607 | 1058.941 | 5000.167 | 109.22 | aa | bb | cc |
| 1608 | 1059.493 | 4999.644 | 109.22 | aa | bb | cc |
| 1609 | 1060.664 | 4998.555 | 109.22 | aa | bb | cc |
| 1610 | 1061.209 | 4998.024 | 109.22 | aa | bb | cc |
| 1611 | 1062.374 | 4996.931 | 109.22 | aa | bb | cc |
| 1612 | 1062.924 | 4996.407 | 109.22 | aa | bb | cc |
| 1613 | 1064.061 | 4995.282 | 109.22 | aa | bb | cc |
| 1614 | 1064.928 | 4994.461 | 109.22 | aa | bb | cc |
| 1615 | 1066.133 | 4993.383 | 109.22 | aa | bb | cc |
| 1616 | 1066.679 | 4992.871 | 109.21 | aa | bb | cc |
| 1617 | 1067.841 | 4991.777 | 109.22 | aa | bb | cc |
| 1618 | 1068.381 | 4991.262 | 109.22 | aa | bb | cc |
| 1619 | 1069.545 | 4990.168 | 109.21 | aa | bb | cc |
| 1620 | 1070.094 | 4989.652 | 109.22 | aa | bb | cc |
| 1621 | 1071.230 | 4988.525 | 109.22 | aa | bb | cc |
| 1622 | 1072.081 | 4987.713 | 109.22 | aa | bb | cc |
| 1623 | 1073.289 | 4986.642 | 109.21 | aa | bb | cc |
| 1624 | 1073.829 | 4986.134 | 109.21 | aa | bb | cc |
| 1625 | 1077.244 | 4982.847 | 109.22 | aa | bb | cc |
| 1626 | 1078.408 | 4981.741 | 109.22 | aa | bb | cc |
| 1627 | 1077.228 | 4982.851 | 106.93 | aa | bb | cc |
| 1628 | 1072.337 | 4987.720 | 106.99 | aa | bb | cc |
| 1629 | 1064.919 | 4994.455 | 106.92 | aa | bb | cc |
| 1630 | 1057.717 | 5001.249 | 106.93 | aa | bb | cc |
| 1631 | 1056.902 | 5002.019 | 106.95 | aa | bb | cc |
| 1632 | 1049.751 | 5008.764 | 106.92 | aa | bb | cc |
| 1633 | 1057.488 | 5001.465 | 106.94 | aa | bb | cc |
| 1634 | 1057.488 | 5001.465 | 106.91 | aa | bb | cc |
| 1635 | 1057.492 | 5001.469 | 106.92 | aa | bb | cc |
| 1636 | 1049.092 | 5009.389 | 105.95 | aa | bb | cc |
| 1637 | 1056.816 | 5002.120 | 105.96 | aa | bb | cc |
| 1638 | 1063.640 | 4995.661 | 106.00 | aa | bb | cc |
| 1639 | 1063.638 | 4995.660 | 105.88 | aa | bb | cc |
| 1640 | 1063.773 | 4995.533 | 106.00 | aa | bb | cc |
| 1641 | 1070.898 | 4988.819 | 106.01 | aa | bb | cc |
| 1642 | 1045.108 | 5013.129 | 105.17 | aa | bb | cc |
| 1643 | 1046.318 | 5012.052 | 105.16 | aa | bb | cc |
| 1644 | 1046.866 | 5011.533 | 105.15 | aa | bb | cc |
| 1645 | 1048.032 | 5010.431 | 105.15 | aa | bb | cc |
| 1646 | 1048.584 | 5009.911 | 105.15 | aa | bb | cc |
| 1647 | 1049.724 | 5008.777 | 105.15 | aa | bb | cc |
| 1648 | 1050.585 | 5007.968 | 105.16 | aa | bb | cc |
| 1649 | 1052.328 | 5006.384 | 105.16 | aa | bb | cc |
| 1773 | 1079.165 | 4978.921 | 99.77 | aa | Bb | cc |
| 1774 | 1069.172 | 4986.291 | 98.69 | aa | Bb | cc |
| 1775 | 1075.896 | 4982.054 | 98.66 | aa | Bb | cc |
| 1776 | 1076.080 | 4982.149 | 98.74 | aa | Bb | cc |
| 1777 | 1076.528 | 4982.749 | 98.70 | aa | Bb | cc |
| 1778 | 1079.467 | 4979.601 | 98.72 | aa | Bb | cc |
| 1779 | 1080.026 | 4980.014 | 98.76 | aa | Bb | cc |
| 1780 | 1080.324 | 4979.796 | 99.92 | aa | Bb | cc |
| 1781 | 1083.508 | 4977.102 | 106.79 | aa | Bb | cc |
| 1782 | 1083.577 | 4977.142 | 106.79 | aa | Bb | cc |
| 1783 | 1083.602 | 4977.172 | 106.79 | aa | Bb | cc |
| 1784 | 1084.736 | 4978.334 | 106.77 | aa | Bb | cc |
| 1785 | 1085.875 | 4979.529 | 106.77 | aa | Bb | cc |
| 1786 | 1087.009 | 4980.728 | 106.76 | aa | Bb | cc |
| 1787 | 1084.717 | 4978.104 | 105.17 | aa | Bb | cc |
| 1788 | 1085.825 | 4979.284 | 105.16 | aa | Bb | cc |
| 1789 | 1086.341 | 4979.828 | 105.16 | aa | Bb | cc |
| 1790 | 1087.445 | 4980.985 | 105.15 | aa | Bb | cc |
| 1791 | 1086.336 | 4979.813 | 102.87 | aa | Bb | cc |
| 1792 | 1084.706 | 4978.078 | 102.88 | aa | Bb | cc |
| 1793 | 1086.612 | 4979.969 | 101.13 | aa | Bb | cc |
| 1794 | 1087.306 | 4980.719 | 101.13 | aa | Bb | cc |
| 1795 | 1086.612 | 4979.982 | 100.26 | aa | Bb | cc |
| 1796 | 1084.715 | 4977.971 | 99.81 | aa | Bb | cc |
| 1797 | 1084.824 | 4978.080 | 99.81 | aa | Bb | cc |
| 1798 | 1084.724 | 4977.953 | 99.72 | aa | Bb | cc |
| 1799 | 1084.230 | 4977.458 | 101.64 | aa | Bb | cc |
| 1800 | 1093.013 | 4986.774 | 101.96 | aa | Bb | cc |
| 1801 | 1093.173 | 4986.810 | 101.97 | aa | Bb | cc |
| 1802 | 1093.539 | 4986.466 | 101.98 | aa | Bb | cc |
| 1803 | 1092.807 | 4986.705 | 102.02 | aa | Bb | cc |
| 1804 | 1088.882 | 4982.524 | 109.21 | aa | Bb | cc |
| 1805 | 1089.999 | 4983.700 | 109.21 | aa | Bb | cc |
| 1806 | 1090.326 | 4984.047 | 109.21 | aa | Bb | cc |
| 1807 | 1091.434 | 4985.218 | 109.20 | aa | Bb | cc |
| 1808 | 1091.756 | 4985.565 | 109.19 | aa | Bb | cc |
| 1809 | 1092.854 | 4986.710 | 109.19 | aa | Bb | cc |
| 1810 | 1091.735 | 4985.523 | 106.92 | aa | Bb | cc |
| 1811 | 1090.306 | 4984.027 | 106.92 | aa | Bb | cc |
| 1812 | 1088.875 | 4982.517 | 106.91 | aa | Bb | cc |
| 1813 | 1088.891 | 4982.528 | 105.15 | aa | Bb | cc |
| 1814 | 1089.984 | 4983.701 | 105.15 | aa | Bb | cc |
| 1815 | 1090.312 | 4984.050 | 105.15 | aa | Bb | cc |
| 1816 | 1091.422 | 4985.232 | 105.14 | aa | Bb | cc |
| 1817 | 1091.736 | 4985.568 | 105.14 | aa | Bb | cc |
| 1818 | 1092.834 | 4986.712 | 105.14 | aa | Bb | cc |
| 1819 | 1091.734 | 4985.541 | 102.85 | aa | Bb | cc |
| 1820 | 1090.314 | 4984.032 | 102.87 | aa | Bb | cc |
| 1821 | 1088.881 | 4982.509 | 102.87 | aa | Bb | cc |
| 1822 | 1089.768 | 4983.295 | 101.11 | aa | Bb | cc |
| 1823 | 1090.457 | 4984.026 | 101.10 | aa | Bb | cc |
| 1824 | 1089.662 | 4983.186 | 101.27 | aa | Bb | cc |
| 1825 | 1091.264 | 4984.908 | 101.11 | aa | Bb | cc |
| 1826 | 1091.967 | 4985.659 | 101.10 | aa | Bb | cc |
| 1827 | 1091.953 | 4985.639 | 100.27 | aa | Bb | cc |
| 1828 | 1091.947 | 4985.605 | 100.64 | aa | Bb | cc |
| 1829 | 1092.403 | 4985.172 | 100.61 | aa | Bb | cc |
| 1830 | 1092.396 | 4985.248 | 100.28 | aa | Bb | cc |
| 1831 | 1093.230 | 4986.151 | 100.21 | aa | Bb | cc |
| 1832 | 1093.546 | 4986.454 | 99.60 | aa | Bb | cc |
| 1833 | 1091.983 | 4984.903 | 99.60 | aa | Bb | cc |
| 1834 | 1092.325 | 4986.035 | 101.25 | aa | Bb | cc |
| 1835 | 1093.052 | 4986.818 | 101.25 | aa | Bb | cc |
| 1836 | 1092.321 | 4986.033 | 100.66 | aa | Bb | cc |
| 1837 | 1092.414 | 4986.140 | 101.64 | aa | Bb | cc |
| 1838 | 1090.480 | 4984.049 | 101.18 | aa | Bb | cc |
| 1839 | 1083.762 | 4976.866 | 100.87 | aa | Bb | cc |
| 1840 | 1093.808 | 4986.748 | 100.47 | aa | Bb | cc |
| 1841 | 1094.158 | 4987.138 | 99.64 | aa | Bb | cc |
| 1842 | 1094.288 | 4987.255 | 99.66 | aa | Bb | cc |
| 1843 | 1081.600 | 4981.125 | 113.37 | aa | Bb | cc |
| 1844 | 1082.674 | 4982.315 | 113.36 | aa | Bb | cc |
| 1845 | 1083.200 | 4982.848 | 113.36 | aa | Bb | cc |
| 1846 | 1084.328 | 4984.021 | 113.35 | aa | Bb | cc |
| 1847 | 1084.331 | 4984.034 | 111.08 | aa | Bb | cc |
| 1848 | 1081.583 | 4981.104 | 111.09 | aa | Bb | cc |
| 1849 | 1087.050 | 4982.951 | 108.18 | aa | Bb | cc |
| 1850 | 1086.215 | 4983.738 | 108.18 | aa | Bb | cc |
| 1851 | 1091.419 | 4983.342 | 98.86 | aa | Bb | cc |
| 1852 | 1090.034 | 4983.753 | 98.91 | aa | Bb | cc |
| 1853 | 1090.151 | 4983.650 | 98.87 | aa | Bb | cc |
| 1854 | 1090.577 | 4982.467 | 98.86 | aa | Bb | cc |
| 1855 | 1088.365 | 4979.849 | 99.65 | aa | Bb | cc |
| 1856 | 1091.694 | 4983.407 | 99.63 | aa | Bb | cc |