Homework #7

Wooseok Kim

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| n | Number of cores | Serial | MPI | Speed Up |
| 700 | 2 | 18 | 1128229 | 0.00001595 |
| 1400 | 2 | 34 | 1129573 | 0.0000301 |
| 2500 | 2 | 71 | 1129071 | 0.00006288 |
| 5000 | 2 | 115 | 1128439 | 0.00010191 |
| 10000 | 2 | 229 | 1128385 | 0.00020294 |
| 20000 | 2 | 464 | 1129368 | 0.00041085 |
| 30000 | 2 | 695 | 1129783 | 0.00061516 |
| 50000 | 2 | 1149 | 1130279 | 0.00101656 |
| 60000 | 2 | 1381 | 1129347 | 0.00122283 |
| 70000 | 2 | 1619 | 1130522 | 0.00143208 |
| 80000 | 2 | 1895 | 1131081 | 0.00167539 |
| 90000 | 2 | 2094 | 1131594 | 0.00185049 |
| 100000 | 2 | 2673 | 1131113 | 0.00236316 |