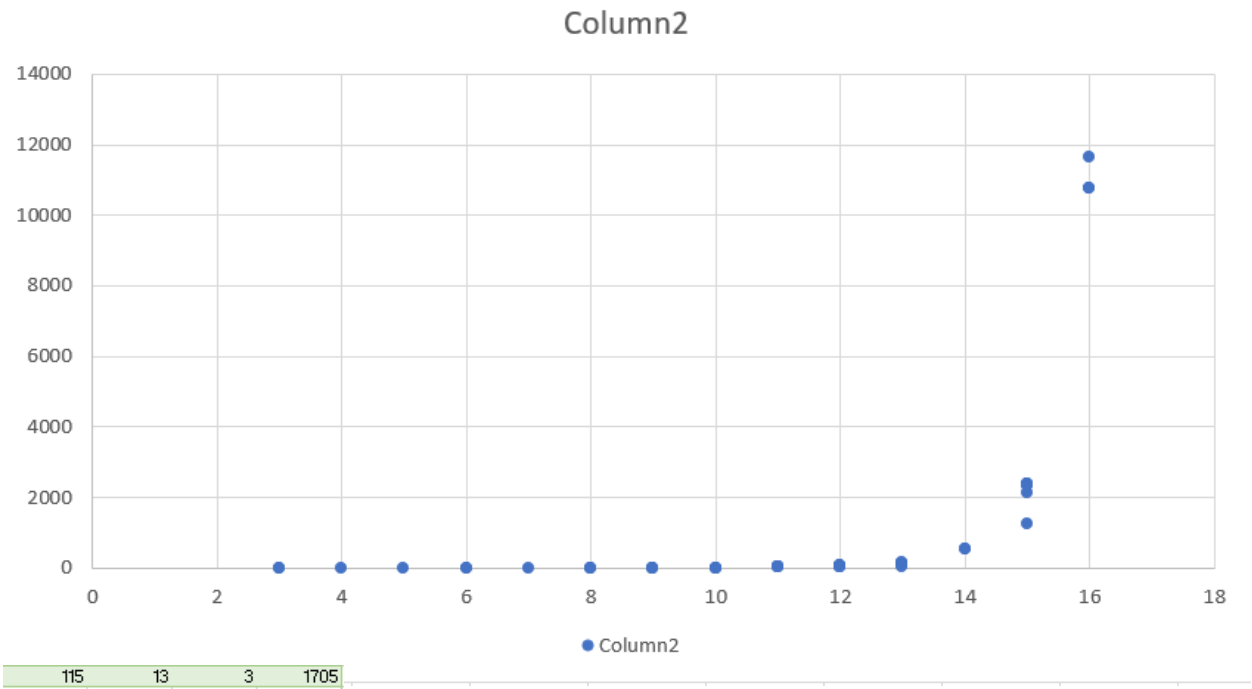


| | | | |
|---|---|---|---|
| 115 | 13 | 3 | 1705 |
| 0 | 6 | 3 | 24 |
| 40 | 12 | 7 | 2000 |
| 55 | 12 | 9 | 2040 |
| 12 | 11 | 5 | 912 |
| 1 | 8 | 4 | 108 |
| 59 | 12 | 10 | 2045 |
| 16 | 11 | 8 | 1016 |
| 2 | 10 | 3 | 274 |
| 11650 | 16 | 13 | 32760 |
| 32 | 12 | 9 | 2040 |
| 12 | 11 | 7 | 1004 |
| 550 | 14 | 13 | 8191 |
| 2379 | 15 | 11 | 16364 |
| 1 | 9 | 7 | 253 |
| 3 | 10 | 7 | 504 |
| 27 | 12 | 5 | 1793 |
| 0 | 4 | 4 | 8 |
| 2359 | 15 | 9 | 16272 |
| 0 | 8 | 7 | 127 |
| 1 | 9 | 3 | 149 |
| 2393 | 15 | 13 | 16381 |
| 94 | 13 | 5 | 3525 |
| 2354 | 15 | 11 | 16364 |
| 0 | 9 | 7 | 253 |
| 34 | 13 | 3 | 1705 |
| 0 | 3 | 3 | 4 |
| 0 | 8 | 7 | 127 |
| 7 | 10 | 8 | 509 |
| 0 | 3 | 3 | 4 |
| 120 | 13 | 12 | 4095 |
| 139 | 13 | 7 | 3984 |
| 545 | 14 | 13 | 8191 |
| 2134 | 15 | 6 | 15109 |
| 119 | 13 | 8 | 4048 |
| 11 | 11 | 7 | 1004 |
| 6 | 10 | 8 | 509 |
| 0 | 7 | 7 | 64 |
| 11 | 11 | 8 | 1016 |
| 28 | 12 | 5 | 1793 |
| 2348 | 15 | 15 | 16384 |
| 33 | 12 | 10 | 2045 |
| 116 | 13 | 7 | 3984 |
| 12 | 11 | 10 | 1023 |
| 10744 | 16 | 16 | 32768 |
| 0 | 6 | 5 | 31 |
| 10748 | 16 | 15 | 32767 |
| 1234 | 15 | 4 | 10671 |
| 0 | 5 | 4 | 15 |
| 1 | 9 | 7 | 253 |

(Apologies for low resolution)

The notable things about this that I notice is that the graph depicts an exponential function, as it increases very quickly between 15 and 16(door length). This is close to what I mentioned in the predictions, which consisted of the fact that the algorithm was exponential(2^x), due to the recursive + for loop combo making the results increase very quickly in terms of the door length.