filename	moves	n seconds
puzzle00.txt	0	10 0.000000
puzzle2x2-05.txt	5	2 0.000000
puzzle2x2-03.txt	3	2 0.000000
puzzle2x2-02.txt	2	2 0.000000
puzzle2x2-04.txt	4	2 0.000000
puzzle02.txt	2	9 0.000000
puzzle2x2-06.txt	6	2 0.000000
puzzle01.txt	1	2 0.000000
puzzle2x2-00.txt	0	2 0.000000
puzzle2x2-01.txt	1	2 0.000000
puzzle3x3-07.txt	7	3 0.001000
puzzle3x3-00.txt	0	3 0.000000
puzzle3x3-09.txt	9	3 0.000000
puzzle03.txt	3	2 0.001000
puzzle3x3-01.txt	1	3 0.001000
puzzle3x3-05.txt	5	3 0.000000
puzzle3x3-03.txt	3	3 0.000000
puzzle3x3-08.txt	8	3 0.001000
puzzle3x3-06.txt	6	3 0.000000
puzzle3x3-02.txt	2	3 0.000000
puzzle3x3-04.txt	4	3 0.000000
puzzle3x3-14.txt	14	3 0.001000
puzzle3x3-10.txt	10	3 0.001000
puzzle3x3-20.txt	20	3 0.013000
puzzle3x3-15.txt	15	3 0.002000
puzzle3x3-19.txt	19	3 0.000000
puzzle3x3-11.txt	11	3 0.000000
puzzle3x3-16.txt	16	3 0.005000
puzzle3x3-21.txt	21	3 0.005000
puzzle3x3-13.txt puzzle3x3-12.txt	13 12	3 0.000000
•	18	3 0.001000 3 0.004000
puzzle3x3-18.txt	18 17	3 0.002000
puzzle3x3-17.txt puzzle3x3-24.txt	24	3 0.023000
puzzle3x3-24.txt	26	3 0.012000
puzzle3x3-20.txt	28	3 0.056000
puzzle3x3-25.txt	25	3 0.033000
puzzle3x3-23.txt	23	3 0.003000
puzzle3x3-27.txt	27	3 0.049000
puzzle3x3-31.txt	31	3 0.032000
puzzle3x3-22.txt	22	3 0.003000
puzzle3x3-29.txt	29	3 0.011000
puzzle3x3-30.txt	30	3 0.036000
puzzle4x4-00.txt	0	4 0.000000
puzzle4x4-01.txt	1	4 0.000000
puzzle4x4-11.txt	11	4 0.001000
puzzle4x4-04.txt	4	4 0.000000

```
6
                             4 0.000000
puzzle4x4-06.txt
                      8
puzzle4x4-08.txt
                             4 0.000000
                     10
puzzle4x4-10.txt
                             4 0.001000
puzzle4x4-12.txt
                     12
                             4 0.001000
puzzle4x4-09.txt
                      9
                             4 0.001000
puzzle4x4-02.txt
                      2
                             4 0.000000
                      5
puzzle4x4-05.txt
                             4 0.000000
                      3
puzzle4x4-03.txt
                             4 0.000000
                      7
puzzle4x4-07.txt
                             4 0.001000
                      4
    puzzle04.txt
                             3 0.000000
                     24
puzzle4x4-24.txt
                             4 0.008000
puzzle4x4-19.txt
                     19
                             4 0.002000
                     15
puzzle4x4-15.txt
                             4 0.001000
puzzle4x4-16.txt
                     16
                             4 0.001000
puzzle4x4-21.txt
                     21
                             4 0.009000
                     17
                             4 0.002000
puzzle4x4-17.txt
puzzle4x4-13.txt
                     13
                             4 0.000000
puzzle4x4-26.txt
                     26
                             4 0.006000
puzzle4x4-22.txt
                     22
                             4 0.002000
                     25
puzzle4x4-25.txt
                             4 0.003000
puzzle4x4-20.txt
                     20
                             4 0.000000
puzzle4x4-18.txt
                     18
                             4 0.003000
puzzle4x4-14.txt
                     14
                             4 0.000000
                     28
puzzle4x4-28.txt
                             4 0.015000
                     23
puzzle4x4-23.txt
                             4 0.008000
puzzle4x4-27.txt
                     27
                             4 0.003000
puzzle4x4-32.txt
                     32
                             4 0.340000
puzzle4x4-30.txt
                             4 0.001000
                     30
puzzle4x4-44.txt
                     44
                             4 0.412000
                     42
puzzle4x4-42.txt
                             4 0.494000
                     31
puzzle4x4-31.txt
                             4 0.833000
puzzle4x4-33.txt
                     33
                             4 0.002000
                     34
puzzle4x4-34.txt
                             4 0.035000
puzzle4x4-36.txt
                     36
                             4 1.622000
                     37
puzzle4x4-37.txt
                             4 0.285000
puzzle4x4-40.txt
                     40
                             4 1.672000
                     35
puzzle4x4-35.txt
                             4 0.082000
                             4 0.845000
puzzle4x4-39.txt
                     39
                     43
puzzle4x4-43.txt
                             4 2.801000
                     29
puzzle4x4-29.txt
                             4 0.015000
puzzle4x4-41.txt
                     41
                             4 0.649000
puzzle4x4-38.txt
                     38
                             4 2.505000
    puzzle07.txt
                      7
                             3 0.000000
    puzzle08.txt
                      8
                             3 0.001000
                     11
    puzzle11.txt
                             3 0.002000
                      9
                             4 0.001000
    puzzle09.txt
                     10
    puzzle10.txt
                            9 0.001000
    puzzle05.txt
                      5
                             3 0.000000
    puzzle06.txt
                      6
                             4 0.001000
    puzzle25.txt
                     25
                             3 0.034000
```

```
12
                                5 0.000000
        puzzle12.txt
                         20
        puzzle20.txt
                                3 0.004000
                         23
        puzzle23.txt
                                3 0.009000
                         18
        puzzle18.txt
                                3 0.002000
        puzzle22.txt
                         22
                                3 0.006000
                         14
                                7 0.001000
        puzzle14.txt
        puzzle24.txt
                         24
                                3 0.008000
        puzzle27.txt
                         27
                                3 0.011000
                         13
        puzzle13.txt
                                4 0.001000
                         17
        puzzle17.txt
                                3 0.000000
                         16
                               10 0.000000
        puzzle16.txt
        puzzle15.txt
                         15
                                8 0.000000
        puzzle21.txt
                         21
                                3 0.004000
        puzzle19.txt
                         19
                                3 0.001000
        puzzle26.txt
                         26
                                3 0.020000
                         38
                                4 1.733000
        puzzle38.txt
        puzzle39.txt
                         39
                                4 0.155000
                         34
                                4 0.186000
        puzzle34.txt
        puzzle32.txt
                         32
                                4 0.442000
        puzzle36.txt
                         36
                                4 2.186000
                         37
                                4 0.131000
        puzzle37.txt
        puzzle33.txt
                         33
                                4 0.541000
        puzzle35.txt
                         35
                                4 0.346000
                         29
                                3 0.011000
        puzzle29.txt
                         31
                                3 0.128000
        puzzle31.txt
        puzzle28.txt
                         28
                                3 0.019000
        puzzle30.txt
                         30
                                3 0.047000
                                4 2.451000
                         42
        puzzle42.txt
        puzzle40.txt
                         40
                                4 0.398000
        puzzle41.txt
                         41
                                5 0.023000
        puzzle43.txt
                         43
                                4 0.730000
                         44
        puzzle44.txt
                                5 0.809000
                         45
                                4 3.273000
        puzzle45.txt
        puzzle46.txt
                         46
                                4 2.633000
More than 5 sec
    puzzle4x4-47.txt
                         47
                                4 8.505000
    puzzle4x4-45.txt
                         45
                                4 14.993000
                         46
    puzzle4x4-46.txt
                                4 8.045000
                         48
                                4 17.997000
    puzzle4x4-48.txt
    puzzle4x4-49.txt
                         N/A I run out of memory ...:(
    puzzle4x4-50.txt
                         N/A I run out of memory ...:(
                         N/A I run out of memory ...:(
    puzzle4x4-78.txt
                         N/A I run out of memory ...:(
    puzzle4x4-80.txt
                         47
                                4 12.504000
    puzzle47.txt
                         48
                                4 9.364000
    puzzle48.txt
    puzzle49.txt
                         N/A I run out of memory ...:(
    puzzle50.txt
                         N/A I run out of memory ...:(
```