

# Combinations

Author: Skylar, Ricardo

```
var boardsize = ask("Board size?");
var monsters = ask("Min/max monsters (type as 'x,y')?");
var minmonsters = monsters.split(",")[0];
var maxmonsters = monsters.split(",")[1];
var treasures = ask("Min/max treasures (type as 'x,y')?");
var mintreasures = treasures.split(",")[0];
var maxtreasures = treasures.split(",")[1];
var totalcomb = 0;
for (var i = minmonsters; i <= maxmonsters; i++) {
    for (var j = mintreasures; j <= maxtreasures; j++) {
        var comb = factorial(boardsize)/(factorial(i) * factorial(j) *
factorial(boardsize - i - j));
        print("For " + i + " monsters and " + j + " treasures, there are
" + comb + " layouts.");
        totalcomb += comb;
    }
}
print("=====");
print("There are " + totalcomb + " total layouts possible.");
```

## Output:

```
For 1 monsters and 1 treasures, there are 9900 layouts.
For 1 monsters and 2 treasures, there are 485100 layouts.
For 1 monsters and 3 treasures, there are 15684900.000000002 layouts.
For 1 monsters and 4 treasures, there are 376437600 layouts.
For 1 monsters and 5 treasures, there are 7152314399.999999 layouts.
For 1 monsters and 6 treasures, there are 112052925600.00002 layouts.
For 1 monsters and 7 treasures, there are 1488703154399.9998 layouts.
For 1 monsters and 8 treasures, there are 17120086275600 layouts.
For 1 monsters and 9 treasures, there are 173103094564400 layouts.
For 1 monsters and 10 treasures, there are 1557927851079600 layouts.
For 1 monsters and 11 treasures, there are 12605052613280398 layouts.
For 1 monsters and 12 treasures, there are 92437052497389600 layouts.
For 1 monsters and 13 treasures, there are 618617197482530300 layouts.
For 1 monsters and 14 treasures, there are 3800077070249830000 layouts.
For 1 monsters and 15 treasures, there are 21533770064749036000 layouts.
For 1 monsters and 16 treasures, there are 113052292839932430000
layouts.
For 1 monsters and 17 treasures, there are 551961194453787700000
layouts.
For 1 monsters and 18 treasures, there are 2.514489885845033e+21
```

layouts.

For 1 monsters and 19 treasures, there are  $1.0719667408076194e+22$  layouts.

For 1 monsters and 20 treasures, there are  $4.2878669632304776e+22$  layouts.

For 1 monsters and 21 treasures, there are  $1.6130547147390847e+23$  layouts.

For 1 monsters and 22 treasures, there are  $5.719012170438572e+23$  layouts.

For 1 monsters and 23 treasures, there are  $1.9146258135816087e+24$  layouts.

For 1 monsters and 24 treasures, there are  $6.062981743008428e+24$  layouts.

For 1 monsters and 25 treasures, there are  $1.8188945229025286e+25$  layouts.

For 1 monsters and 26 treasures, there are  $5.1768536421071965e+25$  layouts.

For 1 monsters and 27 treasures, there are  $1.3996678365697235e+26$  layouts.

For 1 monsters and 28 treasures, there are  $3.599145865465003e+26$  layouts.

For 1 monsters and 29 treasures, there are  $8.811701946483283e+26$  layouts.

For 1 monsters and 30 treasures, there are  $2.056063787512766e+27$  layouts.

For 1 monsters and 31 treasures, there are  $4.5764000431735766e+27$  layouts.

For 1 monsters and 32 treasures, there are  $9.72485009174385e+27$  layouts.

For 1 monsters and 33 treasures, there are  $1.9744392610510241e+28$  layouts.

For 1 monsters and 34 treasures, there are  $3.8327350361578694e+28$  layouts.

For 1 monsters and 35 treasures, there are  $7.117936495721758e+28$  layouts.

For 2 monsters and 1 treasures, there are 485100 layouts.

For 2 monsters and 2 treasures, there are 23527350 layouts.

For 2 monsters and 3 treasures, there are 752875200 layouts.

For 2 monsters and 4 treasures, there are 17880786000 layouts.

For 2 monsters and 5 treasures, there are 336158776800 layouts.

For 2 monsters and 6 treasures, there are 5210461040399.999 layouts.

For 2 monsters and 7 treasures, there are 68480345102400 layouts.

For 2 monsters and 8 treasures, there are 778963925539800 layouts.

For 2 monsters and 9 treasures, there are 7789639255398000 layouts.  
For 2 monsters and 10 treasures, there are 69327789373042200 layouts.  
For 2 monsters and 11 treasures, there are 554622314984337600 layouts.  
For 2 monsters and 12 treasures, there are 4021011783636447000 layouts.  
For 2 monsters and 13 treasures, there are 26600539491748807000 layouts.  
For 2 monsters and 14 treasures, there are 161503275485617750000 layouts.  
For 2 monsters and 15 treasures, there are 904418342719459400000 layouts.  
For 2 monsters and 16 treasures, there are  $4.691670152857195e+21$  layouts.  
For 2 monsters and 17 treasures, there are  $2.26304089726053e+22$  layouts.  
For 2 monsters and 18 treasures, there are  $1.0183684037672383e+23$  layouts.  
For 2 monsters and 19 treasures, there are  $4.287866963230477e+23$  layouts.  
For 2 monsters and 20 treasures, there are  $1.6937074504760388e+24$  layouts.  
For 2 monsters and 21 treasures, there are  $6.290913387482429e+24$  layouts.  
For 2 monsters and 22 treasures, there are  $2.20181968561885e+25$  layouts.  
For 2 monsters and 23 treasures, there are  $7.275578091610113e+25$  layouts.  
For 2 monsters and 24 treasures, there are  $2.273618153628161e+26$  layouts.  
For 2 monsters and 25 treasures, there are  $6.729909734739355e+26$  layouts.  
For 2 monsters and 26 treasures, there are  $1.8895515793691265e+27$  layouts.  
For 2 monsters and 27 treasures, there are  $5.038804211651004e+27$  layouts.  
For 2 monsters and 28 treasures, there are  $1.277696782240076e+28$  layouts.  
For 2 monsters and 29 treasures, there are  $3.0840956812691496e+28$  layouts.  
For 2 monsters and 30 treasures, there are  $7.093420066919043e+28$  layouts.  
For 2 monsters and 31 treasures, there are  $1.555976014679016e+29$  layouts.  
For 2 monsters and 32 treasures, there are  $3.2578247807341894e+29$  layouts.  
For 2 monsters and 33 treasures, there are  $6.515649561468379e+29$  layouts.

layouts.

For 2 monsters and 34 treasures, there are  $1.2456388867513077e+30$  layouts.

For 2 monsters and 35 treasures, there are  $2.2777396786309626e+30$  layouts.

For 3 monsters and 1 treasures, there are 15684900.000000002 layouts.

For 3 monsters and 2 treasures, there are 752875200 layouts.

For 3 monsters and 3 treasures, there are 23841048000 layouts.

For 3 monsters and 4 treasures, there are 560264628000 layouts.

For 3 monsters and 5 treasures, there are 10420922080799.998 layouts.

For 3 monsters and 6 treasures, there are 159787471905600 layouts.

For 3 monsters and 7 treasures, there are 2077237134772800 layouts.

For 3 monsters and 8 treasures, there are 23368917766194004 layouts.

For 3 monsters and 9 treasures, there are 231092631243474000 layouts.

For 3 monsters and 10 treasures, there are 2033615154942571000 layouts.

For 3 monsters and 11 treasures, there are 16084047134545789000 layouts.

For 3 monsters and 12 treasures, there are 115269004464244850000 layouts.

For 3 monsters and 13 treasures, there are 753681952266216100000 layouts.

For 3 monsters and 14 treasures, there are  $4.522091713597297e+21$  layouts.

For 3 monsters and 15 treasures, there are  $2.502224081523838e+22$  layouts.

For 3 monsters and 16 treasures, there are  $1.2823898417809667e+23$  layouts.

For 3 monsters and 17 treasures, there are  $6.11021042260343e+23$  layouts.

For 3 monsters and 18 treasures, there are  $2.7156490767126357e+24$  layouts.

For 3 monsters and 19 treasures, there are  $1.129138300317359e+25$  layouts.

For 3 monsters and 20 treasures, there are  $4.4036393712377e+25$  layouts.

For 3 monsters and 21 treasures, there are  $1.6146677694538234e+26$  layouts.

For 3 monsters and 22 treasures, there are  $5.577943203567753e+26$  layouts.

For 3 monsters and 23 treasures, there are  $1.8188945229025288e+27$  layouts.

For 3 monsters and 24 treasures, there are  $5.608258112282796e+27$  layouts.

For 3 monsters and 25 treasures, there are  $1.6376113687865763e+28$  layouts.

For 3 monsters and 26 treasures, there are 4.534923790485904e+28 layouts.

For 3 monsters and 27 treasures, there are 1.1925169967574044e+29 layouts.

For 3 monsters and 28 treasures, there are 2.9812924918935112e+29 layouts.

For 3 monsters and 29 treasures, there are 7.093420066919043e+29 layouts.

For 3 monsters and 30 treasures, there are 1.607841881834983e+30 layouts.

For 3 monsters and 31 treasures, there are 3.475013099449802e+30 layouts.

For 3 monsters and 32 treasures, there are 7.167214517615216e+30 layouts.

For 3 monsters and 33 treasures, there are 1.4117240716514822e+31 layouts.

For 3 monsters and 34 treasures, there are 2.65736295840279e+31 layouts.

For 3 monsters and 35 treasures, there are 4.783253325125021e+31 layouts.

For 4 monsters and 1 treasures, there are 376437600 layouts.

For 4 monsters and 2 treasures, there are 17880786000 layouts.

For 4 monsters and 3 treasures, there are 560264628000 layouts.

For 4 monsters and 4 treasures, there are 13026152600999.998 layouts.

For 4 monsters and 5 treasures, there are 239681207858400 layouts.

For 4 monsters and 6 treasures, there are 3635164985852400 layouts.

For 4 monsters and 7 treasures, there are 46737835532388010 layouts.

For 4 monsters and 8 treasures, there are 519958420297816500 layouts.

For 4 monsters and 9 treasures, there are 5084037887356427000 layouts.

For 4 monsters and 10 treasures, there are 44231129620000920000 layouts.

For 4 monsters and 11 treasures, there are 345807013392734500000 layouts.

For 4 monsters and 12 treasures, there are 2.4494663448652027e+21 layouts.

For 4 monsters and 13 treasures, there are 1.582732099759054e+22 layouts.

For 4 monsters and 14 treasures, there are 9.383340305714392e+22 layouts.

For 4 monsters and 15 treasures, there are 5.129559367123867e+23 layouts.

For 4 monsters and 16 treasures, there are 2.596839429606458e+24 layouts.

For 4 monsters and 17 treasures, there are 1.2220420845206861e+25 layouts.

layouts.

For 4 monsters and 18 treasures, there are  $5.363406926507456e+25$  layouts.

For 4 monsters and 19 treasures, there are  $2.2018196856188502e+26$  layouts.

For 4 monsters and 20 treasures, there are  $8.477005789632572e+26$  layouts.

For 4 monsters and 21 treasures, there are  $3.067868761962264e+27$  layouts.

For 4 monsters and 22 treasures, there are  $1.0458643506689538e+28$  layouts.

For 4 monsters and 23 treasures, there are  $3.3649548673696774e+28$  layouts.

For 4 monsters and 24 treasures, there are  $1.0235071054916103e+29$  layouts.

For 4 monsters and 25 treasures, there are  $2.9477004638158373e+29$  layouts.

For 4 monsters and 26 treasures, there are  $8.049489728112479e+29$  layouts.

For 4 monsters and 27 treasures, there are  $2.0869047443254575e+30$  layouts.

For 4 monsters and 28 treasures, there are  $5.142729548516306e+30$  layouts.

For 4 monsters and 29 treasures, there are  $1.2058814113762372e+31$  layouts.

For 4 monsters and 30 treasures, there are  $2.6931351520735963e+31$  layouts.

For 4 monsters and 31 treasures, there are  $5.733771614092173e+31$  layouts.

For 4 monsters and 32 treasures, there are  $1.1646723591124728e+32$  layouts.

For 4 monsters and 33 treasures, there are  $2.2587585146423715e+32$  layouts.

For 4 monsters and 34 treasures, there are  $4.185346659484394e+32$  layouts.

For 4 monsters and 35 treasures, there are  $7.414042653943782e+32$  layouts.

For 5 monsters and 1 treasures, there are 7152314399.999999 layouts.

For 5 monsters and 2 treasures, there are 336158776800 layouts.

For 5 monsters and 3 treasures, there are 10420922080799.998 layouts.

For 5 monsters and 4 treasures, there are 239681207858400 layouts.

For 5 monsters and 5 treasures, there are 4362197983022880 layouts.

For 5 monsters and 6 treasures, there are 65432969745343210 layouts.  
For 5 monsters and 7 treasures, there are 831933472476506400 layouts.  
For 5 monsters and 8 treasures, there are 9151268197241569000 layouts.  
For 5 monsters and 9 treasures, there are 88462259240001850000 layouts.  
For 5 monsters and 10 treasures, there are 760775429464015900000 layouts.  
For 5 monsters and 11 treasures, there are  $5.878719227676486e+21$  layouts.  
For 5 monsters and 12 treasures, there are  $4.11510345937354e+22$  layouts.  
For 5 monsters and 13 treasures, there are  $2.6273352856000293e+23$  layouts.  
For 5 monsters and 14 treasures, there are  $1.53886781013716e+24$  layouts.  
For 5 monsters and 15 treasures, there are  $8.309886174740665e+24$  layouts.  
For 5 monsters and 16 treasures, there are  $4.1549430873703325e+25$  layouts.  
For 5 monsters and 17 treasures, there are  $1.930826493542684e+26$  layouts.  
For 5 monsters and 18 treasures, there are  $8.36691480535163e+26$  layouts.  
For 5 monsters and 19 treasures, there are  $3.390802315853029e+27$  layouts.  
For 5 monsters and 20 treasures, there are  $1.2885048800241511e+28$  layouts.  
For 5 monsters and 21 treasures, there are  $4.601803142943397e+28$  layouts.  
For 5 monsters and 22 treasures, there are  $1.5478792389900517e+29$  layouts.  
For 5 monsters and 23 treasures, there are  $4.912834106359729e+29$  layouts.  
For 5 monsters and 24 treasures, there are  $1.473850231907919e+30$  layouts.  
For 5 monsters and 25 treasures, there are  $4.185734658618489e+30$  layouts.  
For 5 monsters and 26 treasures, there are  $1.1269285619357471e+31$  layouts.  
For 5 monsters and 27 treasures, there are  $2.8799285471691315e+31$  layouts.  
For 5 monsters and 28 treasures, there are  $6.994112185982176e+31$  layouts.  
For 5 monsters and 29 treasures, there are  $1.615881091244158e+32$  layouts.  
For 5 monsters and 30 treasures, there are  $3.554938400737147e+32$

layouts.

For 5 monsters and 31 treasures, there are  $7.453903098319826e+32$  layouts.

For 5 monsters and 32 treasures, there are  $1.490780619663965e+33$  layouts.

For 5 monsters and 33 treasures, there are  $2.8460357284493877e+33$  layouts.

For 5 monsters and 34 treasures, there are  $5.1898298577606476e+33$  layouts.

For 5 monsters and 35 treasures, there are  $9.045132037811417e+33$  layouts.

For 6 monsters and 1 treasures, there are 112052925600.00002 layouts.

For 6 monsters and 2 treasures, there are 5210461040399.999 layouts.

For 6 monsters and 3 treasures, there are 159787471905600 layouts.

For 6 monsters and 4 treasures, there are 3635164985852400 layouts.

For 6 monsters and 5 treasures, there are 65432969745343210 layouts.

For 6 monsters and 6 treasures, there are 970589051222590700 layouts.

For 6 monsters and 7 treasures, there are 12201690929655425000 layouts.

For 6 monsters and 8 treasures, there are 132693388860002760000 layouts.

For 6 monsters and 9 treasures, there are  $1.2679590491066933e+21$  layouts.

For 6 monsters and 10 treasures, there are  $1.0777651917406893e+22$  layouts.

For 6 monsters and 11 treasures, there are  $8.23020691874708e+22$  layouts.

For 6 monsters and 12 treasures, there are  $5.69255978546673e+23$  layouts.

For 6 monsters and 13 treasures, there are  $3.5906915569867074e+24$  layouts.

For 6 monsters and 14 treasures, there are  $2.0774715436851663e+25$  layouts.

For 6 monsters and 15 treasures, there are  $1.1079848232987553e+26$  layouts.

For 6 monsters and 16 treasures, there are  $5.470675065037605e+26$  layouts.

For 6 monsters and 17 treasures, there are  $2.510074441605489e+27$  layouts.

For 6 monsters and 18 treasures, there are  $1.0737540666867925e+28$  layouts.

For 6 monsters and 19 treasures, there are  $4.29501626674717e+28$  layouts.

For 6 monsters and 20 treasures, there are  $1.610631100030189e+29$  layouts.

For 6 monsters and 21 treasures, there are  $5.675557209630189e+29$  layouts.



For 6 monsters and 22 treasures, there are  $1.883253074104563e+30$  layouts.

For 6 monsters and 23 treasures, there are  $5.895400927631674e+30$  layouts.

For 6 monsters and 24 treasures, there are  $1.7440561077577037e+31$  layouts.

For 6 monsters and 25 treasures, there are  $4.883357101721571e+31$  layouts.

For 6 monsters and 26 treasures, there are  $1.2959678462261093e+32$  layouts.

For 6 monsters and 27 treasures, there are  $3.2639190201250156e+32$  layouts.

For 6 monsters and 28 treasures, there are  $7.81009194101343e+32$  layouts.

For 6 monsters and 29 treasures, there are  $1.7774692003685737e+33$  layouts.

For 6 monsters and 30 treasures, there are  $3.851183267465243e+33$  layouts.

For 6 monsters and 31 treasures, there are  $7.950829971541148e+33$  layouts.

For 6 monsters and 32 treasures, there are  $1.5653196506471633e+34$  layouts.

For 6 monsters and 33 treasures, there are  $2.940903586064367e+34$  layouts.

For 6 monsters and 34 treasures, there are  $5.27632702205666e+34$  layouts.

For 6 monsters and 35 treasures, there are  $9.045132037811415e+34$  layouts.

For 7 monsters and 1 treasures, there are 1488703154399.9998 layouts.

For 7 monsters and 2 treasures, there are 68480345102400 layouts.

For 7 monsters and 3 treasures, there are 2077237134772800 layouts.

For 7 monsters and 4 treasures, there are 46737835532388010 layouts.

For 7 monsters and 5 treasures, there are 831933472476506400 layouts.

For 7 monsters and 6 treasures, there are 12201690929655425000 layouts.

For 7 monsters and 7 treasures, there are 151649587268574580000 layouts.

For 7 monsters and 8 treasures, there are  $1.630233063137177e+21$  layouts.

For 7 monsters and 9 treasures, there are  $1.539664559629556e+22$  layouts.

For 7 monsters and 10 treasures, there are  $1.293318230088827e+23$  layouts.

For 7 monsters and 11 treasures, there are  $9.758673917942967e+23$  layouts.

For 7 monsters and 12 treasures, there are  $6.668427177261027e+24$  layouts.

For 7 monsters and 13 treasures, there are  $4.1549430873703325e+25$

layouts.

For 7 monsters and 14 treasures, there are  $2.374253192783047e+26$  layouts.

For 7 monsters and 15 treasures, there are  $1.2504400148657382e+27$  layouts.

For 7 monsters and 16 treasures, there are  $6.095895072470473e+27$  layouts.

For 7 monsters and 17 treasures, there are  $2.7610818857660377e+28$  layouts.

For 7 monsters and 18 treasures, there are  $1.1657901295456604e+29$  layouts.

For 7 monsters and 19 treasures, there are  $4.601803142943397e+29$  layouts.

For 7 monsters and 20 treasures, there are  $1.702667162889057e+30$  layouts.

For 7 monsters and 21 treasures, there are  $5.918795375757198e+30$  layouts.

For 7 monsters and 22 treasures, there are  $1.9370603047932647e+31$  layouts.

For 7 monsters and 23 treasures, there are  $5.979620940883555e+31$  layouts.

For 7 monsters and 24 treasures, there are  $1.7440561077577043e+32$  layouts.

For 7 monsters and 25 treasures, there are  $4.813594857411262e+32$  layouts.

For 7 monsters and 26 treasures, there are  $1.2589401934767918e+33$  layouts.

For 7 monsters and 27 treasures, there are  $3.124036776405372e+33$  layouts.

For 7 monsters and 28 treasures, there are  $7.363800972955518e+33$  layouts.

For 7 monsters and 29 treasures, there are  $1.6505071146279616e+34$  layouts.

For 7 monsters and 30 treasures, there are  $3.5210818445396516e+34$  layouts.

For 7 monsters and 31 treasures, there are  $7.155746974387032e+34$  layouts.

For 7 monsters and 32 treasures, there are  $1.3864259762874877e+35$  layouts.

For 7 monsters and 33 treasures, there are  $2.5627874107132353e+35$  layouts.

For 7 monsters and 34 treasures, there are  $4.522566018905708e+35$

layouts.

For 7 monsters and 35 treasures, there are  $7.623754146155337e+35$  layouts.

For 8 monsters and 1 treasures, there are 17120086275600 layouts.

For 8 monsters and 2 treasures, there are 778963925539800 layouts.

For 8 monsters and 3 treasures, there are 23368917766194004 layouts.

For 8 monsters and 4 treasures, there are 519958420297816500 layouts.

For 8 monsters and 5 treasures, there are 9151268197241569000 layouts.

For 8 monsters and 6 treasures, there are 132693388860002760000 layouts.

For 8 monsters and 7 treasures, there are  $1.630233063137177e+21$  layouts.

For 8 monsters and 8 treasures, there are  $1.7321226295832503e+22$  layouts.

For 8 monsters and 9 treasures, there are  $1.6166477876110335e+23$  layouts.

For 8 monsters and 10 treasures, there are  $1.3418176637171578e+24$  layouts.

For 8 monsters and 11 treasures, there are  $1.0002640765891541e+25$  layouts.

For 8 monsters and 12 treasures, there are  $6.75178251697679e+25$  layouts.

For 8 monsters and 13 treasures, there are  $4.154943087370333e+26$  layouts.

For 8 monsters and 14 treasures, there are  $2.3445750278732592e+27$  layouts.

For 8 monsters and 15 treasures, there are  $1.2191790144940947e+28$  layouts.

For 8 monsters and 16 treasures, there are  $5.867299007252831e+28$  layouts.

For 8 monsters and 17 treasures, there are  $2.623027791477736e+29$  layouts.

For 8 monsters and 18 treasures, there are  $1.0929282464490569e+30$  layouts.

For 8 monsters and 19 treasures, there are  $4.256667907222642e+30$  layouts.

For 8 monsters and 20 treasures, there are  $1.5536837861362643e+31$  layouts.

For 8 monsters and 21 treasures, there are  $5.3269158381814785e+31$  layouts.

For 8 monsters and 22 treasures, there are  $1.7191410205040224e+32$  layouts.

For 8 monsters and 23 treasures, there are  $5.232168323273112e+32$  layouts.

For 8 monsters and 24 treasures, there are  $1.5042483929410196e+33$

layouts.

For 8 monsters and 25 treasures, there are  $4.091555628799573e+33$  layouts.

For 8 monsters and 26 treasures, there are  $1.054362412036813e+34$  layouts.

For 8 monsters and 27 treasures, there are  $2.577330340534432e+34$  layouts.

For 8 monsters and 28 treasures, there are  $5.98308829052636e+34$  layouts.

For 8 monsters and 29 treasures, there are  $1.3204056917023693e+35$  layouts.

For 8 monsters and 30 treasures, there are  $2.7728519525749754e+35$  layouts.

For 8 monsters and 31 treasures, there are  $5.545703905149951e+35$  layouts.

For 8 monsters and 32 treasures, there are  $1.0571498069192093e+36$  layouts.

For 8 monsters and 33 treasures, there are  $1.922090558034926e+36$  layouts.

For 8 monsters and 34 treasures, there are  $3.3353924389429595e+36$  layouts.

For 8 monsters and 35 treasures, there are  $5.527221755962619e+36$  layouts.

For 9 monsters and 1 treasures, there are 173103094564400 layouts.

For 9 monsters and 2 treasures, there are 7789639255398000 layouts.

For 9 monsters and 3 treasures, there are 231092631243474000 layouts.

For 9 monsters and 4 treasures, there are 5084037887356427000 layouts.

For 9 monsters and 5 treasures, there are 88462259240001850000 layouts.

For 9 monsters and 6 treasures, there are  $1.2679590491066933e+21$  layouts.

For 9 monsters and 7 treasures, there are  $1.539664559629556e+22$  layouts.

For 9 monsters and 8 treasures, there are  $1.6166477876110335e+23$  layouts.

For 9 monsters and 9 treasures, there are  $1.4909085152412864e+24$  layouts.

For 9 monsters and 10 treasures, there are  $1.222544982497855e+25$  layouts.

For 9 monsters and 11 treasures, there are  $9.002376689302386e+25$  layouts.

For 9 monsters and 12 treasures, there are  $6.0015844595349245e+26$  layouts.

For 9 monsters and 13 treasures, there are  $3.6471167100250703e+27$  layouts.

For 9 monsters and 14 treasures, there are  $2.0319650241568245 \times 10^{28}$  layouts.

For 9 monsters and 15 treasures, there are  $1.0430753790671698 \times 10^{29}$  layouts.

For 9 monsters and 16 treasures, there are  $4.954608050569057 \times 10^{29}$  layouts.

For 9 monsters and 17 treasures, there are  $2.1858564928981138 \times 10^{30}$  layouts.

For 9 monsters and 18 treasures, there are  $8.9862989152478 \times 10^{30}$  layouts.

For 9 monsters and 19 treasures, there are  $3.4526306358583655 \times 10^{31}$  layouts.

For 9 monsters and 20 treasures, there are  $1.2429470289090115 \times 10^{32}$  layouts.

For 9 monsters and 21 treasures, there are  $4.20234471678761 \times 10^{32}$  layouts.

For 9 monsters and 22 treasures, there are  $1.33710968261424 \times 10^{33}$  layouts.

For 9 monsters and 23 treasures, there are  $4.011329047842718 \times 10^{33}$  layouts.

For 9 monsters and 24 treasures, there are  $1.1365432302221038 \times 10^{34}$  layouts.

For 9 monsters and 25 treasures, there are  $3.045935856995238 \times 10^{34}$  layouts.

For 9 monsters and 26 treasures, there are  $7.731991021603295 \times 10^{34}$  layouts.

For 9 monsters and 27 treasures, there are  $1.861405245941534 \times 10^{35}$  layouts.

For 9 monsters and 28 treasures, there are  $4.254640562152078 \times 10^{35}$  layouts.

For 9 monsters and 29 treasures, there are  $9.242839841916583 \times 10^{35}$  layouts.

For 9 monsters and 30 treasures, there are  $1.9101869006627606 \times 10^{36}$  layouts.

For 9 monsters and 31 treasures, there are  $3.758754869046078 \times 10^{36}$  layouts.

For 9 monsters and 32 treasures, there are  $7.047665379461395 \times 10^{36}$  layouts.

For 9 monsters and 33 treasures, there are  $1.2600371436006738 \times 10^{37}$  layouts.

For 9 monsters and 34 treasures, there are  $2.149475127318796 \times 10^{37}$  layouts.

For 9 monsters and 35 treasures, there are  $3.5005737787763253 \times 10^{37}$  layouts.

For 10 monsters and 1 treasures, there are 1557927851079600 layouts.

For 10 monsters and 2 treasures, there are 69327789373042200 layouts.  
For 10 monsters and 3 treasures, there are 2033615154942571000 layouts.  
For 10 monsters and 4 treasures, there are 44231129620000920000 layouts.  
For 10 monsters and 5 treasures, there are 760775429464015900000 layouts.  
For 10 monsters and 6 treasures, there are  $1.0777651917406893e+22$  layouts.  
For 10 monsters and 7 treasures, there are  $1.293318230088827e+23$  layouts.  
For 10 monsters and 8 treasures, there are  $1.3418176637171578e+24$  layouts.  
For 10 monsters and 9 treasures, there are  $1.222544982497855e+25$  layouts.  
For 10 monsters and 10 treasures, there are  $9.902614358232627e+25$  layouts.  
For 10 monsters and 11 treasures, there are  $7.201901351441909e+26$  layouts.  
For 10 monsters and 12 treasures, there are  $4.741251723032591e+27$  layouts.  
For 10 monsters and 13 treasures, there are  $2.8447510338195543e+28$  layouts.  
For 10 monsters and 14 treasures, there are  $1.5646130686007548e+29$  layouts.  
For 10 monsters and 15 treasures, there are  $7.927372880910491e+29$  layouts.  
For 10 monsters and 16 treasures, there are  $3.715956037926793e+30$  layouts.  
For 10 monsters and 17 treasures, there are  $1.6175338047446039e+31$  layouts.  
For 10 monsters and 18 treasures, there are  $6.559998208130895e+31$  layouts.  
For 10 monsters and 19 treasures, there are  $2.485894057818023e+32$  layouts.  
For 10 monsters and 20 treasures, there are  $8.824923905253981e+32$  layouts.  
For 10 monsters and 21 treasures, there are  $2.941641301751327e+33$  layouts.  
For 10 monsters and 22 treasures, there are  $9.226056810038254e+33$  layouts.  
For 10 monsters and 23 treasures, there are  $2.727703752533049e+34$  layouts.  
For 10 monsters and 24 treasures, there are  $7.614839642488095e+34$  layouts.

layouts.

For 10 monsters and 25 treasures, there are  $2.0103176656168568e+35$  layouts.

For 10 monsters and 26 treasures, there are  $5.025794164042143e+35$  layouts.

For 10 monsters and 27 treasures, there are  $1.1912993574025818e+36$  layouts.

For 10 monsters and 28 treasures, there are  $2.680423554155809e+36$  layouts.

For 10 monsters and 29 treasures, there are  $5.730560701988282e+36$  layouts.

For 10 monsters and 30 treasures, there are  $1.165214009404284e+37$  layouts.

For 10 monsters and 31 treasures, there are  $2.2552529214276464e+37$  layouts.

For 10 monsters and 32 treasures, there are  $4.1581225738822233e+37$  layouts.

For 10 monsters and 33 treasures, there are  $7.308215432883908e+37$  layouts.

For 10 monsters and 34 treasures, there are  $1.2252008225717136e+38$  layouts.

For 10 monsters and 35 treasures, there are  $1.960321316114742e+38$  layouts.

For 11 monsters and 1 treasures, there are 12605052613280398 layouts.

For 11 monsters and 2 treasures, there are 554622314984337600 layouts.

For 11 monsters and 3 treasures, there are 16084047134545789000 layouts.

For 11 monsters and 4 treasures, there are 345807013392734500000 layouts.

For 11 monsters and 5 treasures, there are  $5.878719227676486e+21$  layouts.

For 11 monsters and 6 treasures, there are  $8.23020691874708e+22$  layouts.

For 11 monsters and 7 treasures, there are  $9.758673917942967e+23$  layouts.

For 11 monsters and 8 treasures, there are  $1.0002640765891541e+25$  layouts.

For 11 monsters and 9 treasures, there are  $9.002376689302386e+25$  layouts.

For 11 monsters and 10 treasures, there are  $7.201901351441909e+26$  layouts.

For 11 monsters and 11 treasures, there are  $5.172274606944646e+27$  layouts.

For 11 monsters and 12 treasures, there are  $3.3619784945140186e+28$

layouts.

For 11 monsters and 13 treasures, there are  $1.991325723673688e+29$  layouts.

For 11 monsters and 14 treasures, there are  $1.0810053928514305e+30$  layouts.

For 11 monsters and 15 treasures, there are  $5.405026964257154e+30$  layouts.

For 11 monsters and 16 treasures, there are  $2.4998249709689335e+31$  layouts.

For 11 monsters and 17 treasures, there are  $1.0734542522396009e+32$  layouts.

For 11 monsters and 18 treasures, there are  $4.293817008958403e+32$  layouts.

For 11 monsters and 19 treasures, there are  $1.6045316191370873e+33$  layouts.

For 11 monsters and 20 treasures, there are  $5.615860666979808e+33$  layouts.

For 11 monsters and 21 treasures, there are  $1.8452113620076507e+34$  layouts.

For 11 monsters and 22 treasures, there are  $5.703380573478193e+34$  layouts.

For 11 monsters and 23 treasures, there are  $1.6614195583610386e+35$  layouts.

For 11 monsters and 24 treasures, there are  $4.568903785492856e+35$  layouts.

For 11 monsters and 25 treasures, there are  $1.1879149842281428e+36$  layouts.

For 11 monsters and 26 treasures, there are  $2.9240984227154287e+36$  layouts.

For 11 monsters and 27 treasures, there are  $6.822896319669333e+36$  layouts.

For 11 monsters and 28 treasures, there are  $1.5107841850696378e+37$  layouts.

For 11 monsters and 29 treasures, there are  $3.1778563892844107e+37$  layouts.

For 11 monsters and 30 treasures, there are  $6.355712778568821e+37$  layouts.

For 11 monsters and 31 treasures, there are  $1.2096356578566469e+38$  layouts.

For 11 monsters and 32 treasures, there are  $2.1924646298651727e+38$  layouts.

For 11 monsters and 33 treasures, there are  $3.786984360676207e+38$



layouts.

For 11 monsters and 34 treasures, there are  $6.237386005819634e+38$  layouts.

For 11 monsters and 35 treasures, there are  $9.80160658057371e+38$  layouts.

For 12 monsters and 1 treasures, there are 92437052497389600 layouts.

For 12 monsters and 2 treasures, there are 4021011783636447000 layouts.

For 12 monsters and 3 treasures, there are 115269004464244850000 layouts.

For 12 monsters and 4 treasures, there are  $2.4494663448652027e+21$  layouts.

For 12 monsters and 5 treasures, there are  $4.11510345937354e+22$  layouts.

For 12 monsters and 6 treasures, there are  $5.69255978546673e+23$  layouts.

For 12 monsters and 7 treasures, there are  $6.668427177261027e+24$  layouts.

For 12 monsters and 8 treasures, there are  $6.75178251697679e+25$  layouts.

For 12 monsters and 9 treasures, there are  $6.0015844595349245e+26$  layouts.

For 12 monsters and 10 treasures, there are  $4.741251723032591e+27$  layouts.

For 12 monsters and 11 treasures, there are  $3.3619784945140186e+28$  layouts.

For 12 monsters and 12 treasures, there are  $2.1572695339798285e+29$  layouts.

For 12 monsters and 13 treasures, there are  $1.261172958326669e+30$  layouts.

For 12 monsters and 14 treasures, there are  $6.756283705321442e+30$  layouts.

For 12 monsters and 15 treasures, there are  $3.3330999612919113e+31$  layouts.

For 12 monsters and 16 treasures, there are  $1.5207268573394346e+32$  layouts.

For 12 monsters and 17 treasures, there are  $6.440725513437605e+32$  layouts.

For 12 monsters and 18 treasures, there are  $2.5405083969670552e+33$  layouts.

For 12 monsters and 19 treasures, there are  $9.359767778299679e+33$  layouts.

For 12 monsters and 20 treasures, there are  $3.2291198835133887e+34$  layouts.

For 12 monsters and 21 treasures, there are  $1.0456197718043356e+35$  layouts.

For 12 monsters and 22 treasures, there are 3.1843874868586573e+35 layouts.

For 12 monsters and 23 treasures, there are 9.137807570985713e+35 layouts.

For 12 monsters and 24 treasures, there are 2.474822883808631e+36 layouts.

For 12 monsters and 25 treasures, there are 6.335546582550095e+36 layouts.

For 12 monsters and 26 treasures, there are 1.5351516719255999e+37 layouts.

For 12 monsters and 27 treasures, there are 3.525163098495822e+37 layouts.

For 12 monsters and 28 treasures, there are 7.679819607437326e+37 layouts.

For 12 monsters and 29 treasures, there are 1.5889281946422053e+38 layouts.

For 12 monsters and 30 treasures, there are 3.1248921161296706e+38 layouts.

For 12 monsters and 31 treasures, there are 5.846572346307127e+38 layouts.

For 12 monsters and 32 treasures, there are 1.041420699185957e+39 layouts.

For 12 monsters and 33 treasures, there are 1.7672593683155628e+39 layouts.

For 12 monsters and 34 treasures, there are 2.858801919333999e+39 layouts.

For 12 monsters and 35 treasures, there are 4.41072296125817e+39 layouts.

For 13 monsters and 1 treasures, there are 618617197482530300 layouts.

For 13 monsters and 2 treasures, there are 26600539491748807000 layouts.

For 13 monsters and 3 treasures, there are 753681952266216100000 layouts.

For 13 monsters and 4 treasures, there are 1.582732099759054e+22 layouts.

For 13 monsters and 5 treasures, there are 2.6273352856000293e+23 layouts.

For 13 monsters and 6 treasures, there are 3.5906915569867074e+24 layouts.

For 13 monsters and 7 treasures, there are 4.1549430873703325e+25 layouts.

For 13 monsters and 8 treasures, there are 4.154943087370333e+26 layouts.

For 13 monsters and 9 treasures, there are 3.6471167100250703e+27 layouts.

For 13 monsters and 10 treasures, there are 2.8447510338195543e+28 layouts.

For 13 monsters and 11 treasures, there are 1.991325723673688e+29 layouts.

For 13 monsters and 12 treasures, there are 1.261172958326669e+30 layouts.

For 13 monsters and 13 treasures, there are 7.275997836500014e+30 layouts.

For 13 monsters and 14 treasures, there are 3.845884570721436e+31 layouts.

For 13 monsters and 15 treasures, there are 1.8716638244177656e+32 layouts.

For 13 monsters and 16 treasures, there are 8.422487209879946e+32 layouts.

For 13 monsters and 17 treasures, there are 3.517627011185153e+33 layouts.

For 13 monsters and 18 treasures, there are 1.3679660599053374e+34 layouts.

For 13 monsters and 19 treasures, there are 4.967876743866752e+34 layouts.

For 13 monsters and 20 treasures, there are 1.689078092914696e+35 layouts.

For 13 monsters and 21 treasures, there are 5.388963439299267e+35 layouts.

For 13 monsters and 22 treasures, there are 1.61668903178978e+36 layouts.

For 13 monsters and 23 treasures, there are 4.5689037854928567e+36 layouts.

For 13 monsters and 24 treasures, there are 1.2183743427980952e+37 layouts.

For 13 monsters and 25 treasures, there are 3.0703033438511997e+37 layouts.

For 13 monsters and 26 treasures, there are 7.321492589183629e+37 layouts.

For 13 monsters and 27 treasures, there are 1.6541149923711163e+38 layouts.

For 13 monsters and 28 treasures, there are 3.544532126509535e+38 layouts.

For 13 monsters and 29 treasures, there are 7.211289498760778e+38 layouts.

For 13 monsters and 30 treasures, there are 1.3941826364270838e+39 layouts.

For 13 monsters and 31 treasures, there are 2.5634971056885088e+39 layouts.

For 13 monsters and 32 treasures, there are 4.4861199349548905e+39 layouts.

For 13 monsters and 33 treasures, there are 7.476866558258152e+39 layouts.

For 13 monsters and 34 treasures, there are 1.1875023357233534e+40 layouts.

For 13 monsters and 35 treasures, there are 1.7982178226667924e+40 layouts.

For 14 monsters and 1 treasures, there are 3800077070249830000 layouts.

For 14 monsters and 2 treasures, there are 161503275485617750000 layouts.

For 14 monsters and 3 treasures, there are 4.522091713597297e+21 layouts.

For 14 monsters and 4 treasures, there are 9.383340305714392e+22 layouts.

For 14 monsters and 5 treasures, there are 1.53886781013716e+24 layouts.

For 14 monsters and 6 treasures, there are 2.0774715436851663e+25 layouts.

For 14 monsters and 7 treasures, there are 2.374253192783047e+26 layouts.

For 14 monsters and 8 treasures, there are 2.3445750278732592e+27 layouts.

For 14 monsters and 9 treasures, there are 2.0319650241568245e+28 layouts.

For 14 monsters and 10 treasures, there are 1.5646130686007548e+29 layouts.

For 14 monsters and 11 treasures, there are 1.0810053928514305e+30 layouts.

For 14 monsters and 12 treasures, there are 6.756283705321442e+30 layouts.

For 14 monsters and 13 treasures, there are 3.845884570721436e+31 layouts.

For 14 monsters and 14 treasures, there are 2.0053540975904634e+32 layouts.

For 14 monsters and 15 treasures, there are 9.625699668434223e+32 layouts.

For 14 monsters and 16 treasures, there are 4.271404227867686e+33 layouts.

For 14 monsters and 17 treasures, there are 1.7588135055925769e+34 layouts.

For 14 monsters and 18 treasures, there are 6.742118438104877e+34 layouts.

For 14 monsters and 19 treasures, there are 2.4129687041638513e+35 layouts.

For 14 monsters and 20 treasures, there are 8.083445158948901e+35 layouts.

For 14 monsters and 21 treasures, there are 2.5405113356696538e+36 layouts.

For 14 monsters and 22 treasures, there are 7.506056219023979e+36 layouts.

For 14 monsters and 23 treasures, there are 2.0886417305110203e+37 layouts.

For 14 monsters and 24 treasures, there are 5.482684542591428e+37 layouts.

For 14 monsters and 25 treasures, there are 1.359705766562674e+38 layouts.

For 14 monsters and 26 treasures, there are 3.190078913858582e+38 layouts.

For 14 monsters and 27 treasures, there are 7.08906425301907e+38 layouts.

For 14 monsters and 28 treasures, there are 1.4937671104575898e+39 layouts.

For 14 monsters and 29 treasures, there are 2.98753422091518e+39 layouts.

For 14 monsters and 30 treasures, there are 5.676315019738841e+39 layouts.

For 14 monsters and 31 treasures, there are 1.0253988422754035e+40 layouts.

For 14 monsters and 32 treasures, there are 1.76240426016085e+40 layouts.

For 14 monsters and 33 treasures, there are 2.8839342438995726e+40 layouts.

For 14 monsters and 34 treasures, there are 4.495544556666981e+40 layouts.

For 14 monsters and 35 treasures, there are 6.679094769905229e+40 layouts.

For 15 monsters and 1 treasures, there are 21533770064749036000 layouts.

For 15 monsters and 2 treasures, there are 904418342719459400000 layouts.

For 15 monsters and 3 treasures, there are 2.502224081523838e+22

layouts.

For 15 monsters and 4 treasures, there are  $5.129559367123867e+23$  layouts.

For 15 monsters and 5 treasures, there are  $8.309886174740665e+24$  layouts.

For 15 monsters and 6 treasures, there are  $1.1079848232987553e+26$  layouts.

For 15 monsters and 7 treasures, there are  $1.2504400148657382e+27$  layouts.

For 15 monsters and 8 treasures, there are  $1.2191790144940947e+28$  layouts.

For 15 monsters and 9 treasures, there are  $1.0430753790671698e+29$  layouts.

For 15 monsters and 10 treasures, there are  $7.927372880910491e+29$  layouts.

For 15 monsters and 11 treasures, there are  $5.405026964257154e+30$  layouts.

For 15 monsters and 12 treasures, there are  $3.3330999612919113e+31$  layouts.

For 15 monsters and 13 treasures, there are  $1.8716638244177656e+32$  layouts.

For 15 monsters and 14 treasures, there are  $9.625699668434223e+32$  layouts.

For 15 monsters and 15 treasures, there are  $4.5561645097255314e+33$  layouts.

For 15 monsters and 16 treasures, there are  $1.9933219730049204e+34$  layouts.

For 15 monsters and 17 treasures, there are  $8.090542125725852e+34$  layouts.

For 15 monsters and 18 treasures, there are  $3.0564270252742112e+35$  layouts.

For 15 monsters and 19 treasures, there are  $1.0777926878598533e+36$  layouts.

For 15 monsters and 20 treasures, there are  $3.5567158699375155e+36$  layouts.

For 15 monsters and 21 treasures, there are  $1.1008882454568502e+37$  layouts.

For 15 monsters and 22 treasures, there are  $3.2025839867835637e+37$  layouts.

For 15 monsters and 23 treasures, there are  $8.772295268146283e+37$  layouts.

For 15 monsters and 24 treasures, there are  $2.2661762776044572e+38$

layouts.

For 15 monsters and 25 treasures, there are  $5.5294701173548745e+38$  layouts.

For 15 monsters and 26 treasures, there are  $1.2760315655434326e+39$  layouts.

For 15 monsters and 27 treasures, there are  $2.788365272854168e+39$  layouts.

For 15 monsters and 28 treasures, there are  $5.775899493769347e+39$  layouts.

For 15 monsters and 29 treasures, there are  $1.1352630039477682e+40$  layouts.

For 15 monsters and 30 treasures, there are  $2.1191576073691674e+40$  layouts.

For 15 monsters and 31 treasures, there are  $3.7597957550098136e+40$  layouts.

For 15 monsters and 32 treasures, there are  $6.34465533657906e+40$  layouts.

For 15 monsters and 33 treasures, there are  $1.0189900995111825e+41$  layouts.

For 15 monsters and 34 treasures, there are  $1.55845544631122e+41$  layouts.

For 15 monsters and 35 treasures, there are  $2.270892221767778e+41$  layouts.

For 16 monsters and 1 treasures, there are 113052292839932430000 layouts.

For 16 monsters and 2 treasures, there are  $4.691670152857195e+21$  layouts.

For 16 monsters and 3 treasures, there are  $1.2823898417809667e+23$  layouts.

For 16 monsters and 4 treasures, there are  $2.596839429606458e+24$  layouts.

For 16 monsters and 5 treasures, there are  $4.1549430873703325e+25$  layouts.

For 16 monsters and 6 treasures, there are  $5.470675065037605e+26$  layouts.

For 16 monsters and 7 treasures, there are  $6.095895072470473e+27$  layouts.

For 16 monsters and 8 treasures, there are  $5.867299007252831e+28$  layouts.

For 16 monsters and 9 treasures, there are  $4.954608050569057e+29$  layouts.

For 16 monsters and 10 treasures, there are  $3.715956037926793e+30$

layouts.

For 16 monsters and 11 treasures, there are  $2.4998249709689335e+31$  layouts.

For 16 monsters and 12 treasures, there are  $1.5207268573394346e+32$  layouts.

For 16 monsters and 13 treasures, there are  $8.422487209879946e+32$  layouts.

For 16 monsters and 14 treasures, there are  $4.271404227867686e+33$  layouts.

For 16 monsters and 15 treasures, there are  $1.9933219730049204e+34$  layouts.

For 16 monsters and 16 treasures, there are  $8.596201008583719e+34$  layouts.

For 16 monsters and 17 treasures, there are  $3.4384804034334874e+35$  layouts.

For 16 monsters and 18 treasures, there are  $1.2798788168335759e+36$  layouts.

For 16 monsters and 19 treasures, there are  $4.445894837421895e+36$  layouts.

For 16 monsters and 20 treasures, there are  $1.444915822162116e+37$  layouts.

For 16 monsters and 21 treasures, there are  $4.403552981827401e+37$  layouts.

For 16 monsters and 22 treasures, there are  $1.2610174447960282e+38$  layouts.

For 16 monsters and 23 treasures, there are  $3.399264416406685e+38$  layouts.

For 16 monsters and 24 treasures, there are  $8.639797058366993e+38$  layouts.

For 16 monsters and 25 treasures, there are  $2.073551294008078e+39$  layouts.

For 16 monsters and 26 treasures, there are  $4.705366397941408e+39$  layouts.

For 16 monsters and 27 treasures, there are  $1.010782411409636e+40$  layouts.

For 16 monsters and 28 treasures, there are  $2.0576641946553297e+40$  layouts.

For 16 monsters and 29 treasures, there are  $3.973420513817189e+40$  layouts.

For 16 monsters and 30 treasures, there are  $7.2846042753315135e+40$  layouts.

For 16 monsters and 31 treasures, there are  $1.268931067315812e+41$



layouts.

For 16 monsters and 32 treasures, there are  $2.101667080241814e+41$  layouts.

For 16 monsters and 33 treasures, there are  $3.3117178234113432e+41$  layouts.

For 16 monsters and 34 treasures, there are  $4.967576735117014e+41$  layouts.

For 16 monsters and 35 treasures, there are  $7.096538193024306e+41$  layouts.

For 17 monsters and 1 treasures, there are 551961194453787700000 layouts.

For 17 monsters and 2 treasures, there are  $2.26304089726053e+22$  layouts.

For 17 monsters and 3 treasures, there are  $6.11021042260343e+23$  layouts.

For 17 monsters and 4 treasures, there are  $1.2220420845206861e+25$  layouts.

For 17 monsters and 5 treasures, there are  $1.930826493542684e+26$  layouts.

For 17 monsters and 6 treasures, there are  $2.510074441605489e+27$  layouts.

For 17 monsters and 7 treasures, there are  $2.7610818857660377e+28$  layouts.

For 17 monsters and 8 treasures, there are  $2.623027791477736e+29$  layouts.

For 17 monsters and 9 treasures, there are  $2.1858564928981138e+30$  layouts.

For 17 monsters and 10 treasures, there are  $1.6175338047446039e+31$  layouts.

For 17 monsters and 11 treasures, there are  $1.0734542522396009e+32$  layouts.

For 17 monsters and 12 treasures, there are  $6.440725513437605e+32$  layouts.

For 17 monsters and 13 treasures, there are  $3.517627011185153e+33$  layouts.

For 17 monsters and 14 treasures, there are  $1.7588135055925769e+34$  layouts.

For 17 monsters and 15 treasures, there are  $8.090542125725852e+34$  layouts.

For 17 monsters and 16 treasures, there are  $3.4384804034334874e+35$  layouts.

For 17 monsters and 17 treasures, there are  $1.3551658060590805e+36$  layouts.

For 17 monsters and 18 treasures, there are  $4.968941288883294e+36$

layouts.

For 17 monsters and 19 treasures, there are  $1.6999009672495483e+37$  layouts.

For 17 monsters and 20 treasures, there are  $5.4396830951985535e+37$  layouts.

For 17 monsters and 21 treasures, there are  $1.631904928559566e+38$  layouts.

For 17 monsters and 22 treasures, there are  $4.599004798667868e+38$  layouts.

For 17 monsters and 23 treasures, there are  $1.2197360552988695e+39$  layouts.

For 17 monsters and 24 treasures, there are  $3.0493401382471734e+39$  layouts.

For 17 monsters and 25 treasures, there are  $7.196442726263329e+39$  layouts.

For 17 monsters and 26 treasures, there are  $1.6053603004741276e+40$  layouts.

For 17 monsters and 27 treasures, there are  $3.3890939676676025e+40$  layouts.

For 17 monsters and 28 treasures, there are  $6.778187935335205e+40$  layouts.

For 17 monsters and 29 treasures, there are  $1.2855184015290909e+41$  layouts.

For 17 monsters and 30 treasures, there are  $2.313933122752363e+41$  layouts.

For 17 monsters and 31 treasures, there are  $3.956079209866943e+41$  layouts.

For 17 monsters and 32 treasures, there are  $6.428628716033783e+41$  layouts.

For 17 monsters and 33 treasures, there are  $9.935153470234028e+41$  layouts.

For 17 monsters and 34 treasures, there are  $1.461051980916769e+42$  layouts.

For 17 monsters and 35 treasures, there are  $2.0454727732834764e+42$  layouts.

For 18 monsters and 1 treasures, there are  $2.514489885845033e+21$  layouts.

For 18 monsters and 2 treasures, there are  $1.0183684037672383e+23$  layouts.

For 18 monsters and 3 treasures, there are  $2.7156490767126357e+24$  layouts.

For 18 monsters and 4 treasures, there are  $5.363406926507456e+25$

layouts.

For 18 monsters and 5 treasures, there are  $8.36691480535163e+26$  layouts.

For 18 monsters and 6 treasures, there are  $1.0737540666867925e+28$  layouts.

For 18 monsters and 7 treasures, there are  $1.1657901295456604e+29$  layouts.

For 18 monsters and 8 treasures, there are  $1.0929282464490569e+30$  layouts.

For 18 monsters and 9 treasures, there are  $8.9862989152478e+30$  layouts.

For 18 monsters and 10 treasures, there are  $6.559998208130895e+31$  layouts.

For 18 monsters and 11 treasures, there are  $4.293817008958403e+32$  layouts.

For 18 monsters and 12 treasures, there are  $2.5405083969670552e+33$  layouts.

For 18 monsters and 13 treasures, there are  $1.3679660599053374e+34$  layouts.

For 18 monsters and 14 treasures, there are  $6.742118438104877e+34$  layouts.

For 18 monsters and 15 treasures, there are  $3.0564270252742112e+35$  layouts.

For 18 monsters and 16 treasures, there are  $1.2798788168335759e+36$  layouts.

For 18 monsters and 17 treasures, there are  $4.968941288883294e+36$  layouts.

For 18 monsters and 18 treasures, there are  $1.7943399098745232e+37$  layouts.

For 18 monsters and 19 treasures, there are  $6.044092327998393e+37$  layouts.

For 18 monsters and 20 treasures, there are  $1.903889083319494e+38$  layouts.

For 18 monsters and 21 treasures, there are  $5.621005865038506e+38$  layouts.

For 18 monsters and 22 treasures, there are  $1.558551626215222e+39$  layouts.

For 18 monsters and 23 treasures, there are  $4.065786850996231e+39$  layouts.

For 18 monsters and 24 treasures, there are  $9.995059342032403e+39$  layouts.

For 18 monsters and 25 treasures, there are  $2.318853767351518e+40$  layouts.

For 18 monsters and 26 treasures, there are  $5.083640951501403e+40$

layouts.

For 18 monsters and 27 treasures, there are  $1.054384789941032e+41$  layouts.

For 18 monsters and 28 treasures, there are  $2.0711129802413126e+41$  layouts.

For 18 monsters and 29 treasures, there are  $3.8565552045872715e+41$  layouts.

For 18 monsters and 30 treasures, there are  $6.81324752810418e+41$  layouts.

For 18 monsters and 31 treasures, there are  $1.1428673272948949e+42$  layouts.

For 18 monsters and 32 treasures, there are  $1.8214448028762388e+42$  layouts.

For 18 monsters and 33 treasures, there are  $2.7597648528427854e+42$  layouts.

For 18 monsters and 34 treasures, there are  $3.9773081702734264e+42$  layouts.

For 18 monsters and 35 treasures, there are  $5.4545940620892695e+42$  layouts.

For 19 monsters and 1 treasures, there are  $1.0719667408076194e+22$  layouts.

For 19 monsters and 2 treasures, there are  $4.287866963230477e+23$  layouts.

For 19 monsters and 3 treasures, there are  $1.129138300317359e+25$  layouts.

For 19 monsters and 4 treasures, there are  $2.2018196856188502e+26$  layouts.

For 19 monsters and 5 treasures, there are  $3.390802315853029e+27$  layouts.

For 19 monsters and 6 treasures, there are  $4.29501626674717e+28$  layouts.

For 19 monsters and 7 treasures, there are  $4.601803142943397e+29$  layouts.

For 19 monsters and 8 treasures, there are  $4.256667907222642e+30$  layouts.

For 19 monsters and 9 treasures, there are  $3.4526306358583655e+31$  layouts.

For 19 monsters and 10 treasures, there are  $2.485894057818023e+32$  layouts.

For 19 monsters and 11 treasures, there are  $1.6045316191370873e+33$  layouts.

For 19 monsters and 12 treasures, there are  $9.359767778299679e+33$  layouts.

For 19 monsters and 13 treasures, there are 4.967876743866752e+34 layouts.

For 19 monsters and 14 treasures, there are 2.4129687041638513e+35 layouts.

For 19 monsters and 15 treasures, there are 1.0777926878598533e+36 layouts.

For 19 monsters and 16 treasures, there are 4.445894837421895e+36 layouts.

For 19 monsters and 17 treasures, there are 1.6999009672495483e+37 layouts.

For 19 monsters and 18 treasures, there are 6.044092327998393e+37 layouts.

For 19 monsters and 19 treasures, there are 2.004093771915257e+38 layouts.

For 19 monsters and 20 treasures, there are 6.212690692937296e+38 layouts.

For 19 monsters and 21 treasures, there are 1.8046387250913097e+39 layouts.

For 19 monsters and 22 treasures, there are 4.9217419775217543e+39 layouts.

For 19 monsters and 23 treasures, there are 1.2625338116251456e+40 layouts.

For 19 monsters and 24 treasures, there are 3.051123378094102e+40 layouts.

For 19 monsters and 25 treasures, there are 6.956561302054553e+40 layouts.

For 19 monsters and 26 treasures, there are 1.4983362804425189e+41 layouts.

For 19 monsters and 27 treasures, there are 3.052166497197724e+41 layouts.

For 19 monsters and 28 treasures, there are 5.886321101738467e+41 layouts.

For 19 monsters and 29 treasures, there are 1.0757759254901336e+42 layouts.

For 19 monsters and 30 treasures, there are 1.864678270849565e+42 layouts.

For 19 monsters and 31 treasures, there are 3.0676965101073496e+42 layouts.

For 19 monsters and 32 treasures, there are 4.793275797042733e+42 layouts.

For 19 monsters and 33 treasures, there are 7.117288304699816e+42 layouts.

For 19 monsters and 34 treasures, there are  $1.0047936430164445e+43$  layouts.

For 19 monsters and 35 treasures, there are  $1.3492943206220824e+43$  layouts.

For 20 monsters and 1 treasures, there are  $4.2878669632304776e+22$  layouts.

For 20 monsters and 2 treasures, there are  $1.6937074504760388e+24$  layouts.

For 20 monsters and 3 treasures, there are  $4.4036393712377e+25$  layouts.

For 20 monsters and 4 treasures, there are  $8.477005789632572e+26$  layouts.

For 20 monsters and 5 treasures, there are  $1.2885048800241511e+28$  layouts.

For 20 monsters and 6 treasures, there are  $1.610631100030189e+29$  layouts.

For 20 monsters and 7 treasures, there are  $1.702667162889057e+30$  layouts.

For 20 monsters and 8 treasures, there are  $1.5536837861362643e+31$  layouts.

For 20 monsters and 9 treasures, there are  $1.2429470289090115e+32$  layouts.

For 20 monsters and 10 treasures, there are  $8.824923905253981e+32$  layouts.

For 20 monsters and 11 treasures, there are  $5.615860666979808e+33$  layouts.

For 20 monsters and 12 treasures, there are  $3.2291198835133887e+34$  layouts.

For 20 monsters and 13 treasures, there are  $1.689078092914696e+35$  layouts.

For 20 monsters and 14 treasures, there are  $8.083445158948901e+35$  layouts.

For 20 monsters and 15 treasures, there are  $3.5567158699375155e+36$  layouts.

For 20 monsters and 16 treasures, there are  $1.444915822162116e+37$  layouts.

For 20 monsters and 17 treasures, there are  $5.4396830951985535e+37$  layouts.

For 20 monsters and 18 treasures, there are  $1.903889083319494e+38$  layouts.

For 20 monsters and 19 treasures, there are  $6.212690692937296e+38$  layouts.

For 20 monsters and 20 treasures, there are  $1.8948706613458753e+39$  layouts.

layouts.

For 20 monsters and 21 treasures, there are  $5.413916175273929e+39$  layouts.

For 20 monsters and 22 treasures, there are  $1.4519138833689173e+40$  layouts.

For 20 monsters and 23 treasures, there are  $3.661348053712922e+40$  layouts.

For 20 monsters and 24 treasures, there are  $8.695701627568191e+40$  layouts.

For 20 monsters and 25 treasures, there are  $1.9478371645752743e+41$  layouts.

For 20 monsters and 26 treasures, there are  $4.120424771216927e+41$  layouts.

For 20 monsters and 27 treasures, there are  $8.240849542433854e+41$  layouts.

For 20 monsters and 28 treasures, there are  $1.559875091960694e+42$  layouts.

For 20 monsters and 29 treasures, there are  $2.7970174062743475e+42$  layouts.

For 20 monsters and 30 treasures, there are  $4.754929590666391e+42$  layouts.

For 20 monsters and 31 treasures, there are  $7.669241275268373e+42$  layouts.

For 20 monsters and 32 treasures, there are  $1.1743525702754697e+43$  layouts.

For 20 monsters and 33 treasures, there are  $1.7081491931279558e+43$  layouts.

For 20 monsters and 34 treasures, there are  $2.3612650610886446e+43$  layouts.

For 20 monsters and 35 treasures, there are  $3.10337693743079e+43$  layouts.

For 21 monsters and 1 treasures, there are  $1.6130547147390847e+23$  layouts.

For 21 monsters and 2 treasures, there are  $6.290913387482429e+24$  layouts.

For 21 monsters and 3 treasures, there are  $1.6146677694538234e+26$  layouts.

For 21 monsters and 4 treasures, there are  $3.067868761962264e+27$  layouts.

For 21 monsters and 5 treasures, there are  $4.601803142943397e+28$  layouts.

For 21 monsters and 6 treasures, there are  $5.675557209630189e+29$

layouts.

For 21 monsters and 7 treasures, there are  $5.918795375757198e+30$  layouts.

For 21 monsters and 8 treasures, there are  $5.3269158381814785e+31$  layouts.

For 21 monsters and 9 treasures, there are  $4.20234471678761e+32$  layouts.

For 21 monsters and 10 treasures, there are  $2.941641301751327e+33$  layouts.

For 21 monsters and 11 treasures, there are  $1.8452113620076507e+34$  layouts.

For 21 monsters and 12 treasures, there are  $1.0456197718043356e+35$  layouts.

For 21 monsters and 13 treasures, there are  $5.388963439299267e+35$  layouts.

For 21 monsters and 14 treasures, there are  $2.5405113356696538e+36$  layouts.

For 21 monsters and 15 treasures, there are  $1.1008882454568502e+37$  layouts.

For 21 monsters and 16 treasures, there are  $4.403552981827401e+37$  layouts.

For 21 monsters and 17 treasures, there are  $1.631904928559566e+38$  layouts.

For 21 monsters and 18 treasures, there are  $5.621005865038506e+38$  layouts.

For 21 monsters and 19 treasures, there are  $1.8046387250913097e+39$  layouts.

For 21 monsters and 20 treasures, there are  $5.413916175273929e+39$  layouts.

For 21 monsters and 21 treasures, there are  $1.5210526397198183e+40$  layouts.

For 21 monsters and 22 treasures, there are  $4.0100478683522487e+40$  layouts.

For 21 monsters and 23 treasures, there are  $9.937944717220787e+40$  layouts.

For 21 monsters and 24 treasures, there are  $2.3188537673515175e+41$  layouts.

For 21 monsters and 25 treasures, there are  $5.101478288173338e+41$  layouts.

For 21 monsters and 26 treasures, there are  $1.0595377983129242e+42$  layouts.

For 21 monsters and 27 treasures, there are  $2.0798334559475916e+42$  layouts.



For 21 monsters and 28 treasures, there are  $3.8625478467598135e+42$  layouts.

For 21 monsters and 29 treasures, there are  $6.792756558094844e+42$  layouts.

For 21 monsters and 30 treasures, there are  $1.1321260930158073e+43$  layouts.

For 21 monsters and 31 treasures, there are  $1.7894896308959536e+43$  layouts.

For 21 monsters and 32 treasures, there are  $2.68423444634393e+43$  layouts.

For 21 monsters and 33 treasures, there are  $3.8230005750959005e+43$  layouts.

For 21 monsters and 34 treasures, there are  $5.172294895717984e+43$  layouts.

For 21 monsters and 35 treasures, there are  $6.650093437351692e+43$  layouts.

For 22 monsters and 1 treasures, there are  $5.719012170438572e+23$  layouts.

For 22 monsters and 2 treasures, there are  $2.20181968561885e+25$  layouts.

For 22 monsters and 3 treasures, there are  $5.577943203567753e+26$  layouts.

For 22 monsters and 4 treasures, there are  $1.0458643506689538e+28$  layouts.

For 22 monsters and 5 treasures, there are  $1.5478792389900517e+29$  layouts.

For 22 monsters and 6 treasures, there are  $1.883253074104563e+30$  layouts.

For 22 monsters and 7 treasures, there are  $1.9370603047932647e+31$  layouts.

For 22 monsters and 8 treasures, there are  $1.7191410205040224e+32$  layouts.

For 22 monsters and 9 treasures, there are  $1.33710968261424e+33$  layouts.

For 22 monsters and 10 treasures, there are  $9.226056810038254e+33$  layouts.

For 22 monsters and 11 treasures, there are  $5.703380573478193e+34$  layouts.

For 22 monsters and 12 treasures, there are  $3.1843874868586573e+35$  layouts.

For 22 monsters and 13 treasures, there are  $1.61668903178978e+36$  layouts.

For 22 monsters and 14 treasures, there are  $7.506056219023979e+36$  layouts.

For 22 monsters and 15 treasures, there are 3.2025839867835637e+37 layouts.

For 22 monsters and 16 treasures, there are 1.2610174447960282e+38 layouts.

For 22 monsters and 17 treasures, there are 4.599004798667868e+38 layouts.

For 22 monsters and 18 treasures, there are 1.558551626215222e+39 layouts.

For 22 monsters and 19 treasures, there are 4.9217419775217543e+39 layouts.

For 22 monsters and 20 treasures, there are 1.4519138833689173e+40 layouts.

For 22 monsters and 21 treasures, there are 4.0100478683522487e+40 layouts.

For 22 monsters and 22 treasures, there are 1.038966947709446e+41 layouts.

For 22 monsters and 23 treasures, there are 2.529658655292564e+41 layouts.

For 22 monsters and 24 treasures, there are 5.7971344183787935e+41 layouts.

For 22 monsters and 25 treasures, there are 1.2521810343698194e+42 layouts.

For 22 monsters and 26 treasures, there are 2.5525228777538623e+42 layouts.

For 22 monsters and 27 treasures, there are 4.9159699867852166e+42 layouts.

For 22 monsters and 28 treasures, there are 8.954088190215932e+42 layouts.

For 22 monsters and 29 treasures, there are 1.5438083086579194e+43 layouts.

For 22 monsters and 30 treasures, there are 2.5215535708079345e+43 layouts.

For 22 monsters and 31 treasures, there are 3.9043410128638995e+43 layouts.

For 22 monsters and 32 treasures, there are 5.734500862643851e+43 layouts.

For 22 monsters and 33 treasures, there are 7.993546657018702e+43 layouts.

For 22 monsters and 34 treasures, there are 1.057969410487769e+44 layouts.

For 22 monsters and 35 treasures, there are 1.3300186874703386e+44 layouts.

For 23 monsters and 1 treasures, there are 1.9146258135816087e+24 layouts.

For 23 monsters and 2 treasures, there are 7.275578091610113e+25 layouts.

For 23 monsters and 3 treasures, there are 1.8188945229025288e+27 layouts.

For 23 monsters and 4 treasures, there are 3.3649548673696774e+28 layouts.

For 23 monsters and 5 treasures, there are 4.912834106359729e+29 layouts.

For 23 monsters and 6 treasures, there are 5.895400927631674e+30 layouts.

For 23 monsters and 7 treasures, there are 5.979620940883555e+31 layouts.

For 23 monsters and 8 treasures, there are 5.232168323273112e+32 layouts.

For 23 monsters and 9 treasures, there are 4.011329047842718e+33 layouts.

For 23 monsters and 10 treasures, there are 2.727703752533049e+34 layouts.

For 23 monsters and 11 treasures, there are 1.6614195583610386e+35 layouts.

For 23 monsters and 12 treasures, there are 9.137807570985713e+35 layouts.

For 23 monsters and 13 treasures, there are 4.5689037854928567e+36 layouts.

For 23 monsters and 14 treasures, there are 2.0886417305110203e+37 layouts.

For 23 monsters and 15 treasures, there are 8.772295268146283e+37 layouts.

For 23 monsters and 16 treasures, there are 3.399264416406685e+38 layouts.

For 23 monsters and 17 treasures, there are 1.2197360552988695e+39 layouts.

For 23 monsters and 18 treasures, there are 4.065786850996231e+39 layouts.

For 23 monsters and 19 treasures, there are 1.2625338116251456e+40 layouts.

For 23 monsters and 20 treasures, there are 3.661348053712922e+40 layouts.

For 23 monsters and 21 treasures, there are 9.937944717220787e+40 layouts.

For 23 monsters and 22 treasures, there are  $2.529658655292564e+41$  layouts.

For 23 monsters and 23 treasures, there are  $6.049183740917001e+41$  layouts.

For 23 monsters and 24 treasures, there are  $1.3610663417063256e+42$  layouts.

For 23 monsters and 25 treasures, there are  $2.8854606444174094e+42$  layouts.

For 23 monsters and 26 treasures, there are  $5.770921288834819e+42$  layouts.

For 23 monsters and 27 treasures, there are  $1.0900629101132437e+43$  layouts.

For 23 monsters and 28 treasures, there are  $1.9465409109165064e+43$  layouts.

For 23 monsters and 29 treasures, there are  $3.288982918445132e+43$  layouts.

For 23 monsters and 30 treasures, there are  $5.262372669512211e+43$  layouts.

For 23 monsters and 31 treasures, there are  $7.978435982808836e+43$  layouts.

For 23 monsters and 32 treasures, there are  $1.1469001725287702e+44$  layouts.

For 23 monsters and 33 treasures, there are  $1.5639547807210504e+44$  layouts.

For 23 monsters and 34 treasures, there are  $2.023941480933124e+44$  layouts.

For 23 monsters and 35 treasures, there are  $2.4865566765749804e+44$  layouts.

For 24 monsters and 1 treasures, there are  $6.062981743008428e+24$  layouts.

For 24 monsters and 2 treasures, there are  $2.273618153628161e+26$  layouts.

For 24 monsters and 3 treasures, there are  $5.608258112282796e+27$  layouts.

For 24 monsters and 4 treasures, there are  $1.0235071054916103e+29$  layouts.

For 24 monsters and 5 treasures, there are  $1.473850231907919e+30$  layouts.

For 24 monsters and 6 treasures, there are  $1.7440561077577037e+31$  layouts.

For 24 monsters and 7 treasures, there are  $1.7440561077577043e+32$  layouts.

For 24 monsters and 8 treasures, there are 1.5042483929410196e+33 layouts.

For 24 monsters and 9 treasures, there are 1.1365432302221038e+34 layouts.

For 24 monsters and 10 treasures, there are 7.614839642488095e+34 layouts.

For 24 monsters and 11 treasures, there are 4.568903785492856e+35 layouts.

For 24 monsters and 12 treasures, there are 2.474822883808631e+36 layouts.

For 24 monsters and 13 treasures, there are 1.2183743427980952e+37 layouts.

For 24 monsters and 14 treasures, there are 5.482684542591428e+37 layouts.

For 24 monsters and 15 treasures, there are 2.2661762776044572e+38 layouts.

For 24 monsters and 16 treasures, there are 8.639797058366993e+38 layouts.

For 24 monsters and 17 treasures, there are 3.0493401382471734e+39 layouts.

For 24 monsters and 18 treasures, there are 9.995059342032403e+39 layouts.

For 24 monsters and 19 treasures, there are 3.051123378094102e+40 layouts.

For 24 monsters and 20 treasures, there are 8.695701627568191e+40 layouts.

For 24 monsters and 21 treasures, there are 2.3188537673515175e+41 layouts.

For 24 monsters and 22 treasures, there are 5.7971344183787935e+41 layouts.

For 24 monsters and 23 treasures, there are 1.3610663417063256e+42 layouts.

For 24 monsters and 24 treasures, there are 3.005688171268136e+42 layouts.

For 24 monsters and 25 treasures, there are 6.251831396237723e+42 layouts.

For 24 monsters and 26 treasures, there are 1.2263207738773994e+43 layouts.

For 24 monsters and 27 treasures, there are 2.2709643960692584e+43 layouts.

For 24 monsters and 28 treasures, there are 3.974187693121201e+43 layouts.

For 24 monsters and 29 treasures, there are  $6.577965836890264e+43$  layouts.

For 24 monsters and 30 treasures, there are  $1.030547981112808e+44$  layouts.

For 24 monsters and 31 treasures, there are  $1.5292002300383606e+44$  layouts.

For 24 monsters and 32 treasures, there are  $2.1504378234914447e+44$  layouts.

For 24 monsters and 33 treasures, there are  $2.8672504313219262e+44$  layouts.

For 24 monsters and 34 treasures, there are  $3.626228486671847e+44$  layouts.

For 24 monsters and 35 treasures, there are  $4.351474184006216e+44$  layouts.

For 25 monsters and 1 treasures, there are  $1.8188945229025286e+25$  layouts.

For 25 monsters and 2 treasures, there are  $6.729909734739355e+26$  layouts.

For 25 monsters and 3 treasures, there are  $1.6376113687865763e+28$  layouts.

For 25 monsters and 4 treasures, there are  $2.9477004638158373e+29$  layouts.

For 25 monsters and 5 treasures, there are  $4.185734658618489e+30$  layouts.

For 25 monsters and 6 treasures, there are  $4.883357101721571e+31$  layouts.

For 25 monsters and 7 treasures, there are  $4.813594857411262e+32$  layouts.

For 25 monsters and 8 treasures, there are  $4.091555628799573e+33$  layouts.

For 25 monsters and 9 treasures, there are  $3.045935856995238e+34$  layouts.

For 25 monsters and 10 treasures, there are  $2.0103176656168568e+35$  layouts.

For 25 monsters and 11 treasures, there are  $1.1879149842281428e+36$  layouts.

For 25 monsters and 12 treasures, there are  $6.335546582550095e+36$  layouts.

For 25 monsters and 13 treasures, there are  $3.0703033438511997e+37$  layouts.

For 25 monsters and 14 treasures, there are  $1.359705766562674e+38$  layouts.

For 25 monsters and 15 treasures, there are 5.5294701173548745e+38 layouts.

For 25 monsters and 16 treasures, there are 2.073551294008078e+39 layouts.

For 25 monsters and 17 treasures, there are 7.196442726263329e+39 layouts.

For 25 monsters and 18 treasures, there are 2.318853767351518e+40 layouts.

For 25 monsters and 19 treasures, there are 6.956561302054553e+40 layouts.

For 25 monsters and 20 treasures, there are 1.9478371645752743e+41 layouts.

For 25 monsters and 21 treasures, there are 5.101478288173338e+41 layouts.

For 25 monsters and 22 treasures, there are 1.2521810343698194e+42 layouts.

For 25 monsters and 23 treasures, there are 2.8854606444174094e+42 layouts.

For 25 monsters and 24 treasures, there are 6.251831396237723e+42 layouts.

For 25 monsters and 25 treasures, there are 1.2753736048324953e+43 layouts.

For 25 monsters and 26 treasures, there are 2.4526415477547983e+43 layouts.

For 25 monsters and 27 treasures, there are 4.4510902162957457e+43 layouts.

For 25 monsters and 28 treasures, there are 7.630440370792706e+43 layouts.

For 25 monsters and 29 treasures, there are 1.2366575773353695e+44 layouts.

For 25 monsters and 30 treasures, there are 1.896208285247567e+44 layouts.

For 25 monsters and 31 treasures, there are 2.7525604140690487e+44 layouts.

For 25 monsters and 32 treasures, there are 3.784770569344942e+44 layouts.

For 25 monsters and 33 treasures, there are 4.931670741873712e+44 layouts.

For 25 monsters and 34 treasures, there are 6.092063857608702e+44 layouts.

For 25 monsters and 35 treasures, there are 7.136417661770195e+44 layouts.

For 26 monsters and 1 treasures, there are  $5.1768536421071965e+25$  layouts.

For 26 monsters and 2 treasures, there are  $1.8895515793691265e+27$  layouts.

For 26 monsters and 3 treasures, there are  $4.534923790485904e+28$  layouts.

For 26 monsters and 4 treasures, there are  $8.049489728112479e+29$  layouts.

For 26 monsters and 5 treasures, there are  $1.1269285619357471e+31$  layouts.

For 26 monsters and 6 treasures, there are  $1.2959678462261093e+32$  layouts.

For 26 monsters and 7 treasures, there are  $1.2589401934767918e+33$  layouts.

For 26 monsters and 8 treasures, there are  $1.054362412036813e+34$  layouts.

For 26 monsters and 9 treasures, there are  $7.731991021603295e+34$  layouts.

For 26 monsters and 10 treasures, there are  $5.025794164042143e+35$  layouts.

For 26 monsters and 11 treasures, there are  $2.9240984227154287e+36$  layouts.

For 26 monsters and 12 treasures, there are  $1.5351516719255999e+37$  layouts.

For 26 monsters and 13 treasures, there are  $7.321492589183629e+37$  layouts.

For 26 monsters and 14 treasures, there are  $3.190078913858582e+38$  layouts.

For 26 monsters and 15 treasures, there are  $1.2760315655434326e+39$  layouts.

For 26 monsters and 16 treasures, there are  $4.705366397941408e+39$  layouts.

For 26 monsters and 17 treasures, there are  $1.6053603004741276e+40$  layouts.

For 26 monsters and 18 treasures, there are  $5.083640951501403e+40$  layouts.

For 26 monsters and 19 treasures, there are  $1.4983362804425189e+41$  layouts.

For 26 monsters and 20 treasures, there are  $4.120424771216927e+41$  layouts.

For 26 monsters and 21 treasures, there are  $1.0595377983129242e+42$  layouts.



For 26 monsters and 22 treasures, there are  $2.5525228777538623e+42$  layouts.

For 26 monsters and 23 treasures, there are  $5.770921288834819e+42$  layouts.

For 26 monsters and 24 treasures, there are  $1.2263207738773994e+43$  layouts.

For 26 monsters and 25 treasures, there are  $2.4526415477547983e+43$  layouts.

For 26 monsters and 26 treasures, there are  $4.622285993845581e+43$  layouts.

For 26 monsters and 27 treasures, there are  $8.217397322392146e+43$  layouts.

For 26 monsters and 28 treasures, there are  $1.3793488362586813e+44$  layouts.

For 26 monsters and 29 treasures, there are  $2.1879326368241153e+44$  layouts.

For 26 monsters and 30 treasures, there are  $3.2818989552361726e+44$  layouts.

For 26 monsters and 31 treasures, there are  $4.6581791622706975e+44$  layouts.

For 26 monsters and 32 treasures, there are  $6.2594282493012495e+44$  layouts.

For 26 monsters and 33 treasures, there are  $7.966545044565228e+44$  layouts.

For 26 monsters and 34 treasures, there are  $9.606716083152186e+44$  layouts.

For 26 monsters and 35 treasures, there are  $1.0979104095031067e+45$  layouts.

For 27 monsters and 1 treasures, there are  $1.3996678365697235e+26$  layouts.

For 27 monsters and 2 treasures, there are  $5.038804211651004e+27$  layouts.

For 27 monsters and 3 treasures, there are  $1.1925169967574044e+29$  layouts.

For 27 monsters and 4 treasures, there are  $2.0869047443254575e+30$  layouts.

For 27 monsters and 5 treasures, there are  $2.8799285471691315e+31$  layouts.

For 27 monsters and 6 treasures, there are  $3.2639190201250156e+32$  layouts.

For 27 monsters and 7 treasures, there are  $3.124036776405372e+33$  layouts.

For 27 monsters and 8 treasures, there are  $2.577330340534432e+34$  layouts.

For 27 monsters and 9 treasures, there are  $1.861405245941534e+35$  layouts.

For 27 monsters and 10 treasures, there are  $1.1912993574025818e+36$  layouts.

For 27 monsters and 11 treasures, there are  $6.822896319669333e+36$  layouts.

For 27 monsters and 12 treasures, there are  $3.525163098495822e+37$  layouts.

For 27 monsters and 13 treasures, there are  $1.6541149923711163e+38$  layouts.

For 27 monsters and 14 treasures, there are  $7.08906425301907e+38$  layouts.

For 27 monsters and 15 treasures, there are  $2.788365272854168e+39$  layouts.

For 27 monsters and 16 treasures, there are  $1.010782411409636e+40$  layouts.

For 27 monsters and 17 treasures, there are  $3.3890939676676025e+40$  layouts.

For 27 monsters and 18 treasures, there are  $1.054384789941032e+41$  layouts.

For 27 monsters and 19 treasures, there are  $3.052166497197724e+41$  layouts.

For 27 monsters and 20 treasures, there are  $8.240849542433854e+41$  layouts.

For 27 monsters and 21 treasures, there are  $2.0798334559475916e+42$  layouts.

For 27 monsters and 22 treasures, there are  $4.9159699867852166e+42$  layouts.

For 27 monsters and 23 treasures, there are  $1.0900629101132437e+43$  layouts.

For 27 monsters and 24 treasures, there are  $2.2709643960692584e+43$  layouts.

For 27 monsters and 25 treasures, there are  $4.4510902162957457e+43$  layouts.

For 27 monsters and 26 treasures, there are  $8.217397322392146e+43$  layouts.

For 27 monsters and 27 treasures, there are  $1.430435830194188e+44$  layouts.

For 27 monsters and 28 treasures, there are  $2.3500017210333095e+44$  layouts.

For 27 monsters and 29 treasures, there are 3.646554394706859e+44 layouts.

For 27 monsters and 30 treasures, there are 5.348279778903393e+44 layouts.

For 27 monsters and 31 treasures, there are 7.418581628801482e+44 layouts.

For 27 monsters and 32 treasures, there are 9.736888387801944e+44 layouts.

For 27 monsters and 33 treasures, there are 1.2097346178784235e+45 layouts.

For 27 monsters and 34 treasures, there are 1.4232171975040274e+45 layouts.

For 27 monsters and 35 treasures, there are 1.5858705915044876e+45 layouts.

For 28 monsters and 1 treasures, there are 3.599145865465003e+26 layouts.

For 28 monsters and 2 treasures, there are 1.277696782240076e+28 layouts.

For 28 monsters and 3 treasures, there are 2.9812924918935112e+29 layouts.

For 28 monsters and 4 treasures, there are 5.142729548516306e+30 layouts.

For 28 monsters and 5 treasures, there are 6.994112185982176e+31 layouts.

For 28 monsters and 6 treasures, there are 7.81009194101343e+32 layouts.

For 28 monsters and 7 treasures, there are 7.363800972955518e+33 layouts.

For 28 monsters and 8 treasures, there are 5.98308829052636e+34 layouts.

For 28 monsters and 9 treasures, there are 4.254640562152078e+35 layouts.

For 28 monsters and 10 treasures, there are 2.680423554155809e+36 layouts.

For 28 monsters and 11 treasures, there are 1.5107841850696378e+37 layouts.

For 28 monsters and 12 treasures, there are 7.679819607437326e+37 layouts.

For 28 monsters and 13 treasures, there are 3.544532126509535e+38 layouts.

For 28 monsters and 14 treasures, there are 1.4937671104575898e+39 layouts.

For 28 monsters and 15 treasures, there are 5.775899493769347e+39 layouts.

For 28 monsters and 16 treasures, there are 2.0576641946553297e+40 layouts.

For 28 monsters and 17 treasures, there are 6.778187935335205e+40 layouts.

For 28 monsters and 18 treasures, there are 2.0711129802413126e+41 layouts.

For 28 monsters and 19 treasures, there are 5.886321101738467e+41 layouts.

For 28 monsters and 20 treasures, there are 1.559875091960694e+42 layouts.

For 28 monsters and 21 treasures, there are 3.8625478467598135e+42 layouts.

For 28 monsters and 22 treasures, there are 8.954088190215932e+42 layouts.

For 28 monsters and 23 treasures, there are 1.9465409109165064e+43 layouts.

For 28 monsters and 24 treasures, there are 3.974187693121201e+43 layouts.

For 28 monsters and 25 treasures, there are 7.630440370792706e+43 layouts.

For 28 monsters and 26 treasures, there are 1.3793488362586813e+44 layouts.

For 28 monsters and 27 treasures, there are 2.3500017210333095e+44 layouts.

For 28 monsters and 28 treasures, there are 3.776788480232104e+44 layouts.

For 28 monsters and 29 treasures, there are 5.730299763110778e+44 layouts.

For 28 monsters and 30 treasures, there are 8.213429660458782e+44 layouts.

For 28 monsters and 31 treasures, there are 1.1127872443202221e+45 layouts.

For 28 monsters and 32 treasures, there are 1.4257586567852848e+45 layouts.

For 28 monsters and 33 treasures, there are 1.7281923112548905e+45 layouts.

For 28 monsters and 34 treasures, there are 1.9823382393806096e+45 layouts.

For 28 monsters and 35 treasures, there are 2.152252945613233e+45 layouts.

For 29 monsters and 1 treasures, there are 8.811701946483283e+26 layouts.

For 29 monsters and 2 treasures, there are 3.0840956812691496e+28 layouts.

For 29 monsters and 3 treasures, there are 7.093420066919043e+29 layouts.

For 29 monsters and 4 treasures, there are 1.2058814113762372e+31 layouts.

For 29 monsters and 5 treasures, there are 1.615881091244158e+32 layouts.

For 29 monsters and 6 treasures, there are 1.7774692003685737e+33 layouts.

For 29 monsters and 7 treasures, there are 1.6505071146279616e+34 layouts.

For 29 monsters and 8 treasures, there are 1.3204056917023693e+35 layouts.

For 29 monsters and 9 treasures, there are 9.242839841916583e+35 layouts.

For 29 monsters and 10 treasures, there are 5.730560701988282e+36 layouts.

For 29 monsters and 11 treasures, there are 3.1778563892844107e+37 layouts.

For 29 monsters and 12 treasures, there are 1.5889281946422053e+38 layouts.

For 29 monsters and 13 treasures, there are 7.211289498760778e+38 layouts.

For 29 monsters and 14 treasures, there are 2.98753422091518e+39 layouts.

For 29 monsters and 15 treasures, there are 1.1352630039477682e+40 layouts.

For 29 monsters and 16 treasures, there are 3.973420513817189e+40 layouts.

For 29 monsters and 17 treasures, there are 1.2855184015290909e+41 layouts.

For 29 monsters and 18 treasures, there are 3.8565552045872715e+41 layouts.

For 29 monsters and 19 treasures, there are 1.0757759254901336e+42 layouts.

For 29 monsters and 20 treasures, there are 2.7970174062743475e+42 layouts.

For 29 monsters and 21 treasures, there are 6.792756558094844e+42 layouts.

For 29 monsters and 22 treasures, there are 1.5438083086579194e+43 layouts.

For 29 monsters and 23 treasures, there are  $3.288982918445132e+43$  layouts.

For 29 monsters and 24 treasures, there are  $6.577965836890264e+43$  layouts.

For 29 monsters and 25 treasures, there are  $1.2366575773353695e+44$  layouts.

For 29 monsters and 26 treasures, there are  $2.1879326368241153e+44$  layouts.

For 29 monsters and 27 treasures, there are  $3.646554394706859e+44$  layouts.

For 29 monsters and 28 treasures, there are  $5.730299763110778e+44$  layouts.

For 29 monsters and 29 treasures, there are  $8.496651372888396e+44$  layouts.

For 29 monsters and 30 treasures, there are  $1.1895311922043755e+45$  layouts.

For 29 monsters and 31 treasures, there are  $1.5732509316251418e+45$  layouts.

For 29 monsters and 32 treasures, there are  $1.9665636645314274e+45$  layouts.

For 29 monsters and 33 treasures, there are  $2.3241206944462318e+45$  layouts.

For 29 monsters and 34 treasures, there are  $2.59754665849873e+45$  layouts.

For 29 monsters and 35 treasures, there are  $2.7459778961272285e+45$  layouts.

For 30 monsters and 1 treasures, there are  $2.056063787512766e+27$  layouts.

For 30 monsters and 2 treasures, there are  $7.093420066919043e+28$  layouts.

For 30 monsters and 3 treasures, there are  $1.607841881834983e+30$  layouts.

For 30 monsters and 4 treasures, there are  $2.6931351520735963e+31$  layouts.

For 30 monsters and 5 treasures, there are  $3.554938400737147e+32$  layouts.

For 30 monsters and 6 treasures, there are  $3.851183267465243e+33$  layouts.

For 30 monsters and 7 treasures, there are  $3.5210818445396516e+34$  layouts.

For 30 monsters and 8 treasures, there are  $2.7728519525749754e+35$  layouts.

For 30 monsters and 9 treasures, there are 1.9101869006627606e+36 layouts.

For 30 monsters and 10 treasures, there are 1.165214009404284e+37 layouts.

For 30 monsters and 11 treasures, there are 6.355712778568821e+37 layouts.

For 30 monsters and 12 treasures, there are 3.1248921161296706e+38 layouts.

For 30 monsters and 13 treasures, there are 1.3941826364270838e+39 layouts.

For 30 monsters and 14 treasures, there are 5.676315019738841e+39 layouts.

For 30 monsters and 15 treasures, there are 2.1191576073691674e+40 layouts.

For 30 monsters and 16 treasures, there are 7.2846042753315135e+40 layouts.

For 30 monsters and 17 treasures, there are 2.313933122752363e+41 layouts.

For 30 monsters and 18 treasures, there are 6.81324752810418e+41 layouts.

For 30 monsters and 19 treasures, there are 1.864678270849565e+42 layouts.

For 30 monsters and 20 treasures, there are 4.754929590666391e+42 layouts.

For 30 monsters and 21 treasures, there are 1.1321260930158073e+43 layouts.

For 30 monsters and 22 treasures, there are 2.5215535708079345e+43 layouts.

For 30 monsters and 23 treasures, there are 5.262372669512211e+43 layouts.

For 30 monsters and 24 treasures, there are 1.030547981112808e+44 layouts.

For 30 monsters and 25 treasures, there are 1.896208285247567e+44 layouts.

For 30 monsters and 26 treasures, there are 3.2818989552361726e+44 layouts.

For 30 monsters and 27 treasures, there are 5.348279778903393e+44 layouts.

For 30 monsters and 28 treasures, there are 8.213429660458782e+44 layouts.

For 30 monsters and 29 treasures, there are 1.1895311922043755e+45 layouts.

For 30 monsters and 30 treasures, there are 1.6256926293459796e+45 layouts.

For 30 monsters and 31 treasures, there are 2.0976679088335226e+45 layouts.

For 30 monsters and 32 treasures, there are 2.5565327638908555e+45 layouts.

For 30 monsters and 33 treasures, there are 2.943886212965228e+45 layouts.

For 30 monsters and 34 treasures, there are 3.203640878815099e+45 layouts.

For 30 monsters and 35 treasures, there are 3.295173475352674e+45 layouts.

For 31 monsters and 1 treasures, there are 4.5764000431735766e+27 layouts.

For 31 monsters and 2 treasures, there are 1.555976014679016e+29 layouts.

For 31 monsters and 3 treasures, there are 3.475013099449802e+30 layouts.

For 31 monsters and 4 treasures, there are 5.733771614092173e+31 layouts.

For 31 monsters and 5 treasures, there are 7.453903098319826e+32 layouts.

For 31 monsters and 6 treasures, there are 7.950829971541148e+33 layouts.

For 31 monsters and 7 treasures, there are 7.155746974387032e+34 layouts.

For 31 monsters and 8 treasures, there are 5.545703905149951e+35 layouts.

For 31 monsters and 9 treasures, there are 3.758754869046078e+36 layouts.

For 31 monsters and 10 treasures, there are 2.2552529214276464e+37 layouts.

For 31 monsters and 11 treasures, there are 1.2096356578566469e+38 layouts.

For 31 monsters and 12 treasures, there are 5.846572346307127e+38 layouts.

For 31 monsters and 13 treasures, there are 2.5634971056885088e+39 layouts.

For 31 monsters and 14 treasures, there are 1.0253988422754035e+40 layouts.

For 31 monsters and 15 treasures, there are 3.7597957550098136e+40 layouts.



For 31 monsters and 16 treasures, there are 1.268931067315812e+41 layouts.

For 31 monsters and 17 treasures, there are 3.956079209866943e+41 layouts.

For 31 monsters and 18 treasures, there are 1.1428673272948949e+42 layouts.

For 31 monsters and 19 treasures, there are 3.0676965101073496e+42 layouts.

For 31 monsters and 20 treasures, there are 7.669241275268373e+42 layouts.

For 31 monsters and 21 treasures, there are 1.7894896308959536e+43 layouts.

For 31 monsters and 22 treasures, there are 3.9043410128638995e+43 layouts.

For 31 monsters and 23 treasures, there are 7.978435982808836e+43 layouts.

For 31 monsters and 24 treasures, there are 1.5292002300383606e+44 layouts.

For 31 monsters and 25 treasures, there are 2.7525604140690487e+44 layouts.

For 31 monsters and 26 treasures, there are 4.6581791622706975e+44 layouts.

For 31 monsters and 27 treasures, there are 7.418581628801482e+44 layouts.

For 31 monsters and 28 treasures, there are 1.1127872443202221e+45 layouts.

For 31 monsters and 29 treasures, there are 1.5732509316251418e+45 layouts.

For 31 monsters and 30 treasures, there are 2.0976679088335226e+45 layouts.

For 31 monsters and 31 treasures, there are 2.6390015627260442e+45 layouts.

For 31 monsters and 32 treasures, there are 3.133814355737178e+45 layouts.

For 31 monsters and 33 treasures, there are 3.513670641281078e+45 layouts.

For 31 monsters and 34 treasures, there are 3.7203571495917295e+45 layouts.

For 31 monsters and 35 treasures, there are 3.7203571495917295e+45 layouts.

For 32 monsters and 1 treasures, there are 9.72485009174385e+27 layouts.

For 32 monsters and 2 treasures, there are 3.2578247807341894e+29

layouts.

For 32 monsters and 3 treasures, there are  $7.167214517615216e+30$  layouts.

For 32 monsters and 4 treasures, there are  $1.1646723591124728e+32$  layouts.

For 32 monsters and 5 treasures, there are  $1.490780619663965e+33$  layouts.

For 32 monsters and 6 treasures, there are  $1.5653196506471633e+34$  layouts.

For 32 monsters and 7 treasures, there are  $1.3864259762874877e+35$  layouts.

For 32 monsters and 8 treasures, there are  $1.0571498069192093e+36$  layouts.

For 32 monsters and 9 treasures, there are  $7.047665379461395e+36$  layouts.

For 32 monsters and 10 treasures, there are  $4.1581225738822233e+37$  layouts.

For 32 monsters and 11 treasures, there are  $2.1924646298651727e+38$  layouts.

For 32 monsters and 12 treasures, there are  $1.041420699185957e+39$  layouts.

For 32 monsters and 13 treasures, there are  $4.4861199349548905e+39$  layouts.

For 32 monsters and 14 treasures, there are  $1.76240426016085e+40$  layouts.

For 32 monsters and 15 treasures, there are  $6.34465533657906e+40$  layouts.

For 32 monsters and 16 treasures, there are  $2.101667080241814e+41$  layouts.

For 32 monsters and 17 treasures, there are  $6.428628716033783e+41$  layouts.

For 32 monsters and 18 treasures, there are  $1.8214448028762388e+42$  layouts.

For 32 monsters and 19 treasures, there are  $4.793275797042733e+42$  layouts.

For 32 monsters and 20 treasures, there are  $1.1743525702754697e+43$  layouts.

For 32 monsters and 21 treasures, there are  $2.68423444634393e+43$  layouts.

For 32 monsters and 22 treasures, there are  $5.734500862643851e+43$  layouts.

For 32 monsters and 23 treasures, there are  $1.1469001725287702e+44$

layouts.

For 32 monsters and 24 treasures, there are  $2.1504378234914447e+44$  layouts.

For 32 monsters and 25 treasures, there are  $3.784770569344942e+44$  layouts.

For 32 monsters and 26 treasures, there are  $6.2594282493012495e+44$  layouts.

For 32 monsters and 27 treasures, there are  $9.736888387801944e+44$  layouts.

For 32 monsters and 28 treasures, there are  $1.4257586567852848e+45$  layouts.

For 32 monsters and 29 treasures, there are  $1.9665636645314274e+45$  layouts.

For 32 monsters and 30 treasures, there are  $2.5565327638908555e+45$  layouts.

For 32 monsters and 31 treasures, there are  $3.133814355737178e+45$  layouts.

For 32 monsters and 32 treasures, there are  $3.623472848821111e+45$  layouts.

For 32 monsters and 33 treasures, there are  $3.9528794714412124e+45$  layouts.

For 32 monsters and 34 treasures, there are  $4.0691406323659535e+45$  layouts.

For 32 monsters and 35 treasures, there are  $3.9528794714412124e+45$  layouts.

For 33 monsters and 1 treasures, there are  $1.9744392610510241e+28$  layouts.

For 33 monsters and 2 treasures, there are  $6.515649561468379e+29$  layouts.

For 33 monsters and 3 treasures, there are  $1.4117240716514822e+31$  layouts.

For 33 monsters and 4 treasures, there are  $2.2587585146423715e+32$  layouts.

For 33 monsters and 5 treasures, there are  $2.8460357284493877e+33$  layouts.

For 33 monsters and 6 treasures, there are  $2.940903586064367e+34$  layouts.

For 33 monsters and 7 treasures, there are  $2.5627874107132353e+35$  layouts.

For 33 monsters and 8 treasures, there are  $1.922090558034926e+36$  layouts.

For 33 monsters and 9 treasures, there are  $1.2600371436006738e+37$

layouts.

For 33 monsters and 10 treasures, there are  $7.308215432883908e+37$  layouts.

For 33 monsters and 11 treasures, there are  $3.786984360676207e+38$  layouts.

For 33 monsters and 12 treasures, there are  $1.7672593683155628e+39$  layouts.

For 33 monsters and 13 treasures, there are  $7.476866558258152e+39$  layouts.

For 33 monsters and 14 treasures, there are  $2.8839342438995726e+40$  layouts.

For 33 monsters and 15 treasures, there are  $1.0189900995111825e+41$  layouts.

For 33 monsters and 16 treasures, there are  $3.3117178234113432e+41$  layouts.

For 33 monsters and 17 treasures, there are  $9.935153470234028e+41$  layouts.

For 33 monsters and 18 treasures, there are  $2.7597648528427854e+42$  layouts.

For 33 monsters and 19 treasures, there are  $7.117288304699816e+42$  layouts.

For 33 monsters and 20 treasures, there are  $1.7081491931279558e+43$  layouts.

For 33 monsters and 21 treasures, there are  $3.8230005750959005e+43$  layouts.

For 33 monsters and 22 treasures, there are  $7.993546657018702e+43$  layouts.

For 33 monsters and 23 treasures, there are  $1.5639547807210504e+44$  layouts.

For 33 monsters and 24 treasures, there are  $2.8672504313219262e+44$  layouts.

For 33 monsters and 25 treasures, there are  $4.931670741873712e+44$  layouts.

For 33 monsters and 26 treasures, there are  $7.966545044565228e+44$  layouts.

For 33 monsters and 27 treasures, there are  $1.2097346178784235e+45$  layouts.

For 33 monsters and 28 treasures, there are  $1.7281923112548905e+45$  layouts.

For 33 monsters and 29 treasures, there are  $2.3241206944462318e+45$  layouts.

For 33 monsters and 30 treasures, there are  $2.943886212965228e+45$

layouts.

For 33 monsters and 31 treasures, there are  $3.513670641281078e+45$  layouts.

For 33 monsters and 32 treasures, there are  $3.9528794714412124e+45$  layouts.

For 33 monsters and 33 treasures, there are  $4.192447924255832e+45$  layouts.

For 33 monsters and 34 treasures, there are  $4.192447924255832e+45$  layouts.

For 33 monsters and 35 treasures, there are  $3.952879471441213e+45$  layouts.

For 34 monsters and 1 treasures, there are  $3.8327350361578694e+28$  layouts.

For 34 monsters and 2 treasures, there are  $1.2456388867513077e+30$  layouts.

For 34 monsters and 3 treasures, there are  $2.65736295840279e+31$  layouts.

For 34 monsters and 4 treasures, there are  $4.185346659484394e+32$  layouts.

For 34 monsters and 5 treasures, there are  $5.1898298577606476e+33$  layouts.

For 34 monsters and 6 treasures, there are  $5.27632702205666e+34$  layouts.

For 34 monsters and 7 treasures, there are  $4.522566018905708e+35$  layouts.

For 34 monsters and 8 treasures, there are  $3.3353924389429595e+36$  layouts.

For 34 monsters and 9 treasures, there are  $2.149475127318796e+37$  layouts.

For 34 monsters and 10 treasures, there are  $1.2252008225717136e+38$  layouts.

For 34 monsters and 11 treasures, there are  $6.237386005819634e+38$  layouts.

For 34 monsters and 12 treasures, there are  $2.858801919333999e+39$  layouts.

For 34 monsters and 13 treasures, there are  $1.1875023357233534e+40$  layouts.

For 34 monsters and 14 treasures, there are  $4.495544556666981e+40$  layouts.

For 34 monsters and 15 treasures, there are  $1.55845544631122e+41$  layouts.

For 34 monsters and 16 treasures, there are  $4.967576735117014e+41$  layouts.

For 34 monsters and 17 treasures, there are  $1.461051980916769e+42$

layouts.

For 34 monsters and 18 treasures, there are  $3.9773081702734264e+42$  layouts.

For 34 monsters and 19 treasures, there are  $1.0047936430164445e+43$  layouts.

For 34 monsters and 20 treasures, there are  $2.3612650610886446e+43$  layouts.

For 34 monsters and 21 treasures, there are  $5.172294895717984e+43$  layouts.

For 34 monsters and 22 treasures, there are  $1.057969410487769e+44$  layouts.

For 34 monsters and 23 treasures, there are  $2.023941480933124e+44$  layouts.

For 34 monsters and 24 treasures, there are  $3.626228486671847e+44$  layouts.

For 34 monsters and 25 treasures, there are  $6.092063857608702e+44$  layouts.

For 34 monsters and 26 treasures, there are  $9.606716083152186e+44$  layouts.

For 34 monsters and 27 treasures, there are  $1.4232171975040274e+45$  layouts.

For 34 monsters and 28 treasures, there are  $1.9823382393806096e+45$  layouts.

For 34 monsters and 29 treasures, there are  $2.59754665849873e+45$  layouts.

For 34 monsters and 30 treasures, there are  $3.203640878815099e+45$  layouts.

For 34 monsters and 31 treasures, there are  $3.7203571495917295e+45$  layouts.

For 34 monsters and 32 treasures, there are  $4.0691406323659535e+45$  layouts.

For 34 monsters and 33 treasures, there are  $4.192447924255832e+45$  layouts.

For 34 monsters and 34 treasures, there are  $4.0691406323659535e+45$  layouts.

For 34 monsters and 35 treasures, there are  $3.7203571495917295e+45$  layouts.

For 35 monsters and 1 treasures, there are  $7.117936495721758e+28$  layouts.

For 35 monsters and 2 treasures, there are  $2.2777396786309626e+30$  layouts.

For 35 monsters and 3 treasures, there are  $4.783253325125021e+31$

layouts.

For 35 monsters and 4 treasures, there are  $7.414042653943782e+32$  layouts.

For 35 monsters and 5 treasures, there are  $9.045132037811417e+33$  layouts.

For 35 monsters and 6 treasures, there are  $9.045132037811415e+34$  layouts.

For 35 monsters and 7 treasures, there are  $7.623754146155337e+35$  layouts.

For 35 monsters and 8 treasures, there are  $5.527221755962619e+36$  layouts.

For 35 monsters and 9 treasures, there are  $3.5005737787763253e+37$  layouts.

For 35 monsters and 10 treasures, there are  $1.960321316114742e+38$  layouts.

For 35 monsters and 11 treasures, there are  $9.80160658057371e+38$  layouts.

For 35 monsters and 12 treasures, there are  $4.41072296125817e+39$  layouts.

For 35 monsters and 13 treasures, there are  $1.7982178226667924e+40$  layouts.

For 35 monsters and 14 treasures, there are  $6.679094769905229e+40$  layouts.

For 35 monsters and 15 treasures, there are  $2.270892221767778e+41$  layouts.

For 35 monsters and 16 treasures, there are  $7.096538193024306e+41$  layouts.

For 35 monsters and 17 treasures, there are  $2.0454727732834764e+42$  layouts.

For 35 monsters and 18 treasures, there are  $5.4545940620892695e+42$  layouts.

For 35 monsters and 19 treasures, there are  $1.3492943206220824e+43$  layouts.

For 35 monsters and 20 treasures, there are  $3.10337693743079e+43$  layouts.

For 35 monsters and 21 treasures, there are  $6.650093437351692e+43$  layouts.

For 35 monsters and 22 treasures, there are  $1.3300186874703386e+44$  layouts.

For 35 monsters and 23 treasures, there are  $2.4865566765749804e+44$  layouts.

For 35 monsters and 24 treasures, there are  $4.351474184006216e+44$

layouts.

For 35 monsters and 25 treasures, there are  $7.136417661770195e+44$  layouts.

For 35 monsters and 26 treasures, there are  $1.0979104095031067e+45$  layouts.

For 35 monsters and 27 treasures, there are  $1.5858705915044876e+45$  layouts.

For 35 monsters and 28 treasures, there are  $2.152252945613233e+45$  layouts.

For 35 monsters and 29 treasures, there are  $2.7459778961272285e+45$  layouts.

For 35 monsters and 30 treasures, there are  $3.295173475352674e+45$  layouts.

For 35 monsters and 31 treasures, there are  $3.7203571495917295e+45$  layouts.

For 35 monsters and 32 treasures, there are  $3.9528794714412124e+45$  layouts.

For 35 monsters and 33 treasures, there are  $3.952879471441213e+45$  layouts.

For 35 monsters and 34 treasures, there are  $3.7203571495917295e+45$  layouts.

For 35 monsters and 35 treasures, there are  $3.295173475352674e+45$  layouts.

For 36 monsters and 1 treasures, there are  $1.265410932572757e+29$  layouts.

For 36 monsters and 2 treasures, there are  $3.986044437604184e+30$  layouts.

For 36 monsters and 3 treasures, there are  $8.237825171048648e+31$  layouts.

For 36 monsters and 4 treasures, there are  $1.256268338584919e+33$  layouts.

For 36 monsters and 5 treasures, there are  $1.5075220063019027e+34$  layouts.

For 36 monsters and 6 treasures, there are  $1.4823966395302042e+35$  layouts.

For 36 monsters and 7 treasures, there are  $1.2282715013250265e+36$  layouts.

For 36 monsters and 8 treasures, there are  $8.751434446940813e+36$  layouts.

For 36 monsters and 9 treasures, there are  $5.445336989207616e+37$  layouts.

For 36 monsters and 10 treasures, there are  $2.9949353440641892e+38$



layouts.

For 36 monsters and 11 treasures, there are  $1.4702409870860568e+39$  layouts.

For 36 monsters and 12 treasures, there are  $6.493564359630083e+39$  layouts.

For 36 monsters and 13 treasures, there are  $2.597425743852033e+40$  layouts.

For 36 monsters and 14 treasures, there are  $9.462050924032406e+40$  layouts.

For 36 monsters and 15 treasures, there are  $3.1540169746774692e+41$  layouts.

For 36 monsters and 16 treasures, there are  $9.659176984949748e+41$  layouts.

For 36 monsters and 17 treasures, there are  $2.7272970310446347e+42$  layouts.

For 36 monsters and 18 treasures, there are  $7.12127558106099e+42$  layouts.

For 36 monsters and 19 treasures, there are  $1.7240982985726611e+43$  layouts.

For 36 monsters and 20 treasures, there are  $3.879221171788487e+43$  layouts.

For 36 monsters and 21 treasures, there are  $8.127891978985403e+43$  layouts.

For 36 monsters and 22 treasures, there are  $1.5886334322562375e+44$  layouts.

For 36 monsters and 23 treasures, there are  $2.9009827893374777e+44$  layouts.

For 36 monsters and 24 treasures, there are  $4.955845598451524e+44$  layouts.

For 36 monsters and 25 treasures, there are  $7.929352957522438e+44$  layouts.

For 36 monsters and 26 treasures, there are  $1.1894029436283658e+45$  layouts.

For 36 monsters and 27 treasures, there are  $1.6739745132547367e+45$  layouts.

For 36 monsters and 28 treasures, there are  $2.2120377496580447e+45$  layouts.

For 36 monsters and 29 treasures, there are  $2.7459778961272285e+45$  layouts.

For 36 monsters and 30 treasures, there are  $3.203640878815099e+45$  layouts.

For 36 monsters and 31 treasures, there are  $3.513670641281078e+45$

layouts.

For 36 monsters and 32 treasures, there are  $3.6234728488211115e+45$  layouts.

For 36 monsters and 33 treasures, there are  $3.513670641281078e+45$  layouts.

For 36 monsters and 34 treasures, there are  $3.2036408788151e+45$  layouts.

For 36 monsters and 35 treasures, there are  $2.7459778961272285e+45$  layouts.

=====

There are  $2.3525203885299804e+47$  total layouts possible.

For 1 monsters and 1 treasures, there are 9900 layouts.

For 1 monsters and 2 treasures, there are 485100 layouts.

For 1 monsters and 3 treasures, there are 15684900.000000002 layouts.

For 1 monsters and 4 treasures, there are 376437600 layouts.

For 1 monsters and 5 treasures, there are 7152314399.999999 layouts.

For 1 monsters and 6 treasures, there are 112052925600.00002 layouts.

For 1 monsters and 7 treasures, there are 1488703154399.9998 layouts.

For 1 monsters and 8 treasures, there are 17120086275600 layouts.

For 1 monsters and 9 treasures, there are 173103094564400 layouts.

For 1 monsters and 10 treasures, there are 1557927851079600 layouts.

For 1 monsters and 11 treasures, there are 12605052613280398 layouts.

For 1 monsters and 12 treasures, there are 92437052497389600 layouts.

For 1 monsters and 13 treasures, there are 618617197482530300 layouts.

For 1 monsters and 14 treasures, there are 3800077070249830000 layouts.

For 1 monsters and 15 treasures, there are 21533770064749036000 layouts.

For 1 monsters and 16 treasures, there are 113052292839932430000 layouts.

For 1 monsters and 17 treasures, there are 551961194453787700000 layouts.

For 1 monsters and 18 treasures, there are  $2.514489885845033e+21$  layouts.

For 1 monsters and 19 treasures, there are  $1.0719667408076194e+22$  layouts.

For 1 monsters and 20 treasures, there are  $4.2878669632304776e+22$  layouts.

For 1 monsters and 21 treasures, there are  $1.6130547147390847e+23$  layouts.

For 1 monsters and 22 treasures, there are  $5.719012170438572e+23$  layouts.

For 1 monsters and 23 treasures, there are  $1.9146258135816087e+24$  layouts.

For 1 monsters and 24 treasures, there are  $6.062981743008428e+24$

layouts.

For 1 monsters and 25 treasures, there are  $1.8188945229025286e+25$  layouts.

For 1 monsters and 26 treasures, there are  $5.1768536421071965e+25$  layouts.

For 1 monsters and 27 treasures, there are  $1.3996678365697235e+26$  layouts.

For 1 monsters and 28 treasures, there are  $3.599145865465003e+26$  layouts.

For 1 monsters and 29 treasures, there are  $8.811701946483283e+26$  layouts.

For 1 monsters and 30 treasures, there are  $2.056063787512766e+27$  layouts.

For 1 monsters and 31 treasures, there are  $4.5764000431735766e+27$  layouts.

For 1 monsters and 32 treasures, there are  $9.72485009174385e+27$  layouts.

For 1 monsters and 33 treasures, there are  $1.9744392610510241e+28$  layouts.

For 1 monsters and 34 treasures, there are  $3.8327350361578694e+28$  layouts.

For 1 monsters and 35 treasures, there are  $7.117936495721758e+28$  layouts.

For 1 monsters and 36 treasures, there are  $1.265410932572757e+29$  layouts.

For 2 monsters and 1 treasures, there are 485100 layouts.

For 2 monsters and 2 treasures, there are 23527350 layouts.

For 2 monsters and 3 treasures, there are 752875200 layouts.

For 2 monsters and 4 treasures, there are 17880786000 layouts.

For 2 monsters and 5 treasures, there are 336158776800 layouts.

For 2 monsters and 6 treasures, there are 5210461040399.999 layouts.

For 2 monsters and 7 treasures, there are 68480345102400 layouts.

For 2 monsters and 8 treasures, there are 778963925539800 layouts.

For 2 monsters and 9 treasures, there are 7789639255398000 layouts.

For 2 monsters and 10 treasures, there are 69327789373042200 layouts.

For 2 monsters and 11 treasures, there are 554622314984337600 layouts.

For 2 monsters and 12 treasures, there are 4021011783636447000 layouts.

For 2 monsters and 13 treasures, there are 26600539491748807000 layouts.

For 2 monsters and 14 treasures, there are 161503275485617750000 layouts.

For 2 monsters and 15 treasures, there are 904418342719459400000 layouts.

For 2 monsters and 16 treasures, there are  $4.691670152857195e+21$

layouts.

For 2 monsters and 17 treasures, there are  $2.26304089726053e+22$  layouts.

For 2 monsters and 18 treasures, there are  $1.0183684037672383e+23$  layouts.

For 2 monsters and 19 treasures, there are  $4.287866963230477e+23$  layouts.

For 2 monsters and 20 treasures, there are  $1.6937074504760388e+24$  layouts.

For 2 monsters and 21 treasures, there are  $6.290913387482429e+24$  layouts.

For 2 monsters and 22 treasures, there are  $2.20181968561885e+25$  layouts.

For 2 monsters and 23 treasures, there are  $7.275578091610113e+25$  layouts.

For 2 monsters and 24 treasures, there are  $2.273618153628161e+26$  layouts.

For 2 monsters and 25 treasures, there are  $6.729909734739355e+26$  layouts.

For 2 monsters and 26 treasures, there are  $1.8895515793691265e+27$  layouts.

For 2 monsters and 27 treasures, there are  $5.038804211651004e+27$  layouts.

For 2 monsters and 28 treasures, there are  $1.277696782240076e+28$  layouts.

For 2 monsters and 29 treasures, there are  $3.0840956812691496e+28$  layouts.

For 2 monsters and 30 treasures, there are  $7.093420066919043e+28$  layouts.

For 2 monsters and 31 treasures, there are  $1.555976014679016e+29$  layouts.

For 2 monsters and 32 treasures, there are  $3.2578247807341894e+29$  layouts.

For 2 monsters and 33 treasures, there are  $6.515649561468379e+29$  layouts.

For 2 monsters and 34 treasures, there are  $1.2456388867513077e+30$  layouts.

For 2 monsters and 35 treasures, there are  $2.2777396786309626e+30$  layouts.

For 2 monsters and 36 treasures, there are  $3.986044437604184e+30$  layouts.

For 3 monsters and 1 treasures, there are  $15684900.000000002$  layouts.

For 3 monsters and 2 treasures, there are  $752875200$  layouts.

For 3 monsters and 3 treasures, there are  $23841048000$  layouts.

For 3 monsters and 4 treasures, there are 560264628000 layouts.

For 3 monsters and 5 treasures, there are 10420922080799.998 layouts.

For 3 monsters and 6 treasures, there are 159787471905600 layouts.

For 3 monsters and 7 treasures, there are 2077237134772800 layouts.

For 3 monsters and 8 treasures, there are 23368917766194004 layouts.

For 3 monsters and 9 treasures, there are 231092631243474000 layouts.

For 3 monsters and 10 treasures, there are 2033615154942571000 layouts.

For 3 monsters and 11 treasures, there are 16084047134545789000 layouts.

For 3 monsters and 12 treasures, there are 115269004464244850000 layouts.

For 3 monsters and 13 treasures, there are 753681952266216100000 layouts.

For 3 monsters and 14 treasures, there are 4.522091713597297e+21 layouts.

For 3 monsters and 15 treasures, there are 2.502224081523838e+22 layouts.

For 3 monsters and 16 treasures, there are 1.2823898417809667e+23 layouts.

For 3 monsters and 17 treasures, there are 6.11021042260343e+23 layouts.

For 3 monsters and 18 treasures, there are 2.7156490767126357e+24 layouts.

For 3 monsters and 19 treasures, there are 1.129138300317359e+25 layouts.

For 3 monsters and 20 treasures, there are 4.4036393712377e+25 layouts.

For 3 monsters and 21 treasures, there are 1.6146677694538234e+26 layouts.

For 3 monsters and 22 treasures, there are 5.577943203567753e+26 layouts.

For 3 monsters and 23 treasures, there are 1.8188945229025288e+27 layouts.

For 3 monsters and 24 treasures, there are 5.608258112282796e+27 layouts.

For 3 monsters and 25 treasures, there are 1.6376113687865763e+28 layouts.

For 3 monsters and 26 treasures, there are 4.534923790485904e+28 layouts.

For 3 monsters and 27 treasures, there are 1.1925169967574044e+29 layouts.

For 3 monsters and 28 treasures, there are 2.9812924918935112e+29 layouts.

For 3 monsters and 29 treasures, there are 7.093420066919043e+29 layouts.

For 3 monsters and 30 treasures, there are 1.607841881834983e+30 layouts.

For 3 monsters and 31 treasures, there are 3.475013099449802e+30 layouts.

For 3 monsters and 32 treasures, there are 7.167214517615216e+30 layouts.

For 3 monsters and 33 treasures, there are 1.4117240716514822e+31 layouts.

For 3 monsters and 34 treasures, there are 2.65736295840279e+31 layouts.

For 3 monsters and 35 treasures, there are 4.783253325125021e+31 layouts.

For 3 monsters and 36 treasures, there are 8.237825171048648e+31 layouts.

For 4 monsters and 1 treasures, there are 376437600 layouts.

For 4 monsters and 2 treasures, there are 17880786000 layouts.

For 4 monsters and 3 treasures, there are 560264628000 layouts.

For 4 monsters and 4 treasures, there are 13026152600999.998 layouts.

For 4 monsters and 5 treasures, there are 239681207858400 layouts.

For 4 monsters and 6 treasures, there are 3635164985852400 layouts.

For 4 monsters and 7 treasures, there are 46737835532388010 layouts.

For 4 monsters and 8 treasures, there are 519958420297816500 layouts.

For 4 monsters and 9 treasures, there are 5084037887356427000 layouts.

For 4 monsters and 10 treasures, there are 44231129620000920000 layouts.

For 4 monsters and 11 treasures, there are 345807013392734500000 layouts.

For 4 monsters and 12 treasures, there are 2.4494663448652027e+21 layouts.

For 4 monsters and 13 treasures, there are 1.582732099759054e+22 layouts.

For 4 monsters and 14 treasures, there are 9.383340305714392e+22 layouts.

For 4 monsters and 15 treasures, there are 5.129559367123867e+23 layouts.

For 4 monsters and 16 treasures, there are 2.596839429606458e+24 layouts.

For 4 monsters and 17 treasures, there are 1.2220420845206861e+25 layouts.

For 4 monsters and 18 treasures, there are 5.363406926507456e+25 layouts.

For 4 monsters and 19 treasures, there are 2.2018196856188502e+26 layouts.

For 4 monsters and 20 treasures, there are 8.477005789632572e+26

layouts.

For 4 monsters and 21 treasures, there are  $3.067868761962264e+27$  layouts.

For 4 monsters and 22 treasures, there are  $1.0458643506689538e+28$  layouts.

For 4 monsters and 23 treasures, there are  $3.3649548673696774e+28$  layouts.

For 4 monsters and 24 treasures, there are  $1.0235071054916103e+29$  layouts.

For 4 monsters and 25 treasures, there are  $2.9477004638158373e+29$  layouts.

For 4 monsters and 26 treasures, there are  $8.049489728112479e+29$  layouts.

For 4 monsters and 27 treasures, there are  $2.0869047443254575e+30$  layouts.

For 4 monsters and 28 treasures, there are  $5.142729548516306e+30$  layouts.

For 4 monsters and 29 treasures, there are  $1.2058814113762372e+31$  layouts.

For 4 monsters and 30 treasures, there are  $2.6931351520735963e+31$  layouts.

For 4 monsters and 31 treasures, there are  $5.733771614092173e+31$  layouts.

For 4 monsters and 32 treasures, there are  $1.1646723591124728e+32$  layouts.

For 4 monsters and 33 treasures, there are  $2.2587585146423715e+32$  layouts.

For 4 monsters and 34 treasures, there are  $4.185346659484394e+32$  layouts.

For 4 monsters and 35 treasures, there are  $7.414042653943782e+32$  layouts.

For 4 monsters and 36 treasures, there are  $1.256268338584919e+33$  layouts.

For 5 monsters and 1 treasures, there are 7152314399.999999 layouts.

For 5 monsters and 2 treasures, there are 336158776800 layouts.

For 5 monsters and 3 treasures, there are 10420922080799.998 layouts.

For 5 monsters and 4 treasures, there are 239681207858400 layouts.

For 5 monsters and 5 treasures, there are 4362197983022880 layouts.

For 5 monsters and 6 treasures, there are 65432969745343210 layouts.

For 5 monsters and 7 treasures, there are 831933472476506400 layouts.

For 5 monsters and 8 treasures, there are 9151268197241569000 layouts.

For 5 monsters and 9 treasures, there are 88462259240001850000 layouts.

For 5 monsters and 10 treasures, there are 760775429464015900000 layouts.

For 5 monsters and 11 treasures, there are  $5.878719227676486e+21$  layouts.

For 5 monsters and 12 treasures, there are  $4.11510345937354e+22$  layouts.

For 5 monsters and 13 treasures, there are  $2.6273352856000293e+23$  layouts.

For 5 monsters and 14 treasures, there are  $1.53886781013716e+24$  layouts.

For 5 monsters and 15 treasures, there are  $8.309886174740665e+24$  layouts.

For 5 monsters and 16 treasures, there are  $4.1549430873703325e+25$  layouts.

For 5 monsters and 17 treasures, there are  $1.930826493542684e+26$  layouts.

For 5 monsters and 18 treasures, there are  $8.36691480535163e+26$  layouts.

For 5 monsters and 19 treasures, there are  $3.390802315853029e+27$  layouts.

For 5 monsters and 20 treasures, there are  $1.2885048800241511e+28$  layouts.

For 5 monsters and 21 treasures, there are  $4.601803142943397e+28$  layouts.

For 5 monsters and 22 treasures, there are  $1.5478792389900517e+29$  layouts.

For 5 monsters and 23 treasures, there are  $4.912834106359729e+29$  layouts.

For 5 monsters and 24 treasures, there are  $1.473850231907919e+30$  layouts.

For 5 monsters and 25 treasures, there are  $4.185734658618489e+30$  layouts.

For 5 monsters and 26 treasures, there are  $1.1269285619357471e+31$  layouts.

For 5 monsters and 27 treasures, there are  $2.8799285471691315e+31$  layouts.

For 5 monsters and 28 treasures, there are  $6.994112185982176e+31$  layouts.

For 5 monsters and 29 treasures, there are  $1.615881091244158e+32$  layouts.

For 5 monsters and 30 treasures, there are  $3.554938400737147e+32$  layouts.

For 5 monsters and 31 treasures, there are  $7.453903098319826e+32$  layouts.

For 5 monsters and 32 treasures, there are  $1.490780619663965e+33$  layouts.



layouts.

For 5 monsters and 33 treasures, there are  $2.8460357284493877e+33$  layouts.

For 5 monsters and 34 treasures, there are  $5.1898298577606476e+33$  layouts.

For 5 monsters and 35 treasures, there are  $9.045132037811417e+33$  layouts.

For 5 monsters and 36 treasures, there are  $1.5075220063019027e+34$  layouts.

For 6 monsters and 1 treasures, there are 112052925600.00002 layouts.

For 6 monsters and 2 treasures, there are 5210461040399.999 layouts.

For 6 monsters and 3 treasures, there are 159787471905600 layouts.

For 6 monsters and 4 treasures, there are 3635164985852400 layouts.

For 6 monsters and 5 treasures, there are 65432969745343210 layouts.

For 6 monsters and 6 treasures, there are 970589051222590700 layouts.

For 6 monsters and 7 treasures, there are 12201690929655425000 layouts.

For 6 monsters and 8 treasures, there are 132693388860002760000 layouts.

For 6 monsters and 9 treasures, there are  $1.2679590491066933e+21$  layouts.

For 6 monsters and 10 treasures, there are  $1.0777651917406893e+22$  layouts.

For 6 monsters and 11 treasures, there are  $8.23020691874708e+22$  layouts.

For 6 monsters and 12 treasures, there are  $5.69255978546673e+23$  layouts.

For 6 monsters and 13 treasures, there are  $3.5906915569867074e+24$  layouts.

For 6 monsters and 14 treasures, there are  $2.0774715436851663e+25$  layouts.

For 6 monsters and 15 treasures, there are  $1.1079848232987553e+26$  layouts.

For 6 monsters and 16 treasures, there are  $5.470675065037605e+26$  layouts.

For 6 monsters and 17 treasures, there are  $2.510074441605489e+27$  layouts.

For 6 monsters and 18 treasures, there are  $1.0737540666867925e+28$  layouts.

For 6 monsters and 19 treasures, there are  $4.29501626674717e+28$  layouts.

For 6 monsters and 20 treasures, there are  $1.610631100030189e+29$  layouts.

For 6 monsters and 21 treasures, there are  $5.675557209630189e+29$  layouts.

For 6 monsters and 22 treasures, there are  $1.883253074104563e+30$  layouts.

For 6 monsters and 23 treasures, there are  $5.895400927631674e+30$  layouts.

For 6 monsters and 24 treasures, there are  $1.7440561077577037e+31$  layouts.

For 6 monsters and 25 treasures, there are  $4.883357101721571e+31$  layouts.

For 6 monsters and 26 treasures, there are  $1.2959678462261093e+32$  layouts.

For 6 monsters and 27 treasures, there are  $3.2639190201250156e+32$  layouts.

For 6 monsters and 28 treasures, there are  $7.81009194101343e+32$  layouts.

For 6 monsters and 29 treasures, there are  $1.7774692003685737e+33$  layouts.

For 6 monsters and 30 treasures, there are  $3.851183267465243e+33$  layouts.

For 6 monsters and 31 treasures, there are  $7.950829971541148e+33$  layouts.

For 6 monsters and 32 treasures, there are  $1.5653196506471633e+34$  layouts.

For 6 monsters and 33 treasures, there are  $2.940903586064367e+34$  layouts.

For 6 monsters and 34 treasures, there are  $5.27632702205666e+34$  layouts.

For 6 monsters and 35 treasures, there are  $9.045132037811415e+34$  layouts.

For 6 monsters and 36 treasures, there are  $1.4823966395302042e+35$  layouts.

For 7 monsters and 1 treasures, there are 1488703154399.9998 layouts.

For 7 monsters and 2 treasures, there are 68480345102400 layouts.

For 7 monsters and 3 treasures, there are 2077237134772800 layouts.

For 7 monsters and 4 treasures, there are 46737835532388010 layouts.

For 7 monsters and 5 treasures, there are 831933472476506400 layouts.

For 7 monsters and 6 treasures, there are 12201690929655425000 layouts.

For 7 monsters and 7 treasures, there are 151649587268574580000 layouts.

For 7 monsters and 8 treasures, there are  $1.630233063137177e+21$  layouts.

For 7 monsters and 9 treasures, there are  $1.539664559629556e+22$  layouts.

For 7 monsters and 10 treasures, there are  $1.293318230088827e+23$  layouts.

For 7 monsters and 11 treasures, there are  $9.758673917942967e+23$  layouts.

For 7 monsters and 12 treasures, there are  $6.668427177261027e+24$  layouts.

For 7 monsters and 13 treasures, there are  $4.1549430873703325e+25$

layouts.

For 7 monsters and 14 treasures, there are  $2.374253192783047e+26$  layouts.

For 7 monsters and 15 treasures, there are  $1.2504400148657382e+27$  layouts.

For 7 monsters and 16 treasures, there are  $6.095895072470473e+27$  layouts.

For 7 monsters and 17 treasures, there are  $2.7610818857660377e+28$  layouts.

For 7 monsters and 18 treasures, there are  $1.1657901295456604e+29$  layouts.

For 7 monsters and 19 treasures, there are  $4.601803142943397e+29$  layouts.

For 7 monsters and 20 treasures, there are  $1.702667162889057e+30$  layouts.

For 7 monsters and 21 treasures, there are  $5.918795375757198e+30$  layouts.

For 7 monsters and 22 treasures, there are  $1.9370603047932647e+31$  layouts.

For 7 monsters and 23 treasures, there are  $5.979620940883555e+31$  layouts.

For 7 monsters and 24 treasures, there are  $1.7440561077577043e+32$  layouts.

For 7 monsters and 25 treasures, there are  $4.813594857411262e+32$  layouts.

For 7 monsters and 26 treasures, there are  $1.2589401934767918e+33$  layouts.

For 7 monsters and 27 treasures, there are  $3.124036776405372e+33$  layouts.

For 7 monsters and 28 treasures, there are  $7.363800972955518e+33$  layouts.

For 7 monsters and 29 treasures, there are  $1.6505071146279616e+34$  layouts.

For 7 monsters and 30 treasures, there are  $3.5210818445396516e+34$  layouts.

For 7 monsters and 31 treasures, there are  $7.155746974387032e+34$  layouts.

For 7 monsters and 32 treasures, there are  $1.3864259762874877e+35$  layouts.

For 7 monsters and 33 treasures, there are  $2.5627874107132353e+35$  layouts.

For 7 monsters and 34 treasures, there are  $4.522566018905708e+35$

layouts.

For 7 monsters and 35 treasures, there are  $7.623754146155337e+35$  layouts.

For 7 monsters and 36 treasures, there are  $1.2282715013250265e+36$  layouts.

For 8 monsters and 1 treasures, there are 17120086275600 layouts.

For 8 monsters and 2 treasures, there are 778963925539800 layouts.

For 8 monsters and 3 treasures, there are 23368917766194004 layouts.

For 8 monsters and 4 treasures, there are 519958420297816500 layouts.

For 8 monsters and 5 treasures, there are 9151268197241569000 layouts.

For 8 monsters and 6 treasures, there are 132693388860002760000 layouts.

For 8 monsters and 7 treasures, there are  $1.630233063137177e+21$  layouts.

For 8 monsters and 8 treasures, there are  $1.7321226295832503e+22$  layouts.

For 8 monsters and 9 treasures, there are  $1.6166477876110335e+23$  layouts.

For 8 monsters and 10 treasures, there are  $1.3418176637171578e+24$  layouts.

For 8 monsters and 11 treasures, there are  $1.0002640765891541e+25$  layouts.

For 8 monsters and 12 treasures, there are  $6.75178251697679e+25$  layouts.

For 8 monsters and 13 treasures, there are  $4.154943087370333e+26$  layouts.

For 8 monsters and 14 treasures, there are  $2.3445750278732592e+27$  layouts.

For 8 monsters and 15 treasures, there are  $1.2191790144940947e+28$  layouts.

For 8 monsters and 16 treasures, there are  $5.867299007252831e+28$  layouts.

For 8 monsters and 17 treasures, there are  $2.623027791477736e+29$  layouts.

For 8 monsters and 18 treasures, there are  $1.0929282464490569e+30$  layouts.

For 8 monsters and 19 treasures, there are  $4.256667907222642e+30$  layouts.

For 8 monsters and 20 treasures, there are  $1.5536837861362643e+31$  layouts.

For 8 monsters and 21 treasures, there are  $5.3269158381814785e+31$  layouts.

For 8 monsters and 22 treasures, there are  $1.7191410205040224e+32$  layouts.

For 8 monsters and 23 treasures, there are  $5.232168323273112e+32$

layouts.

For 8 monsters and 24 treasures, there are  $1.5042483929410196e+33$  layouts.

For 8 monsters and 25 treasures, there are  $4.091555628799573e+33$  layouts.

For 8 monsters and 26 treasures, there are  $1.054362412036813e+34$  layouts.

For 8 monsters and 27 treasures, there are  $2.577330340534432e+34$  layouts.

For 8 monsters and 28 treasures, there are  $5.98308829052636e+34$  layouts.

For 8 monsters and 29 treasures, there are  $1.3204056917023693e+35$  layouts.

For 8 monsters and 30 treasures, there are  $2.7728519525749754e+35$  layouts.

For 8 monsters and 31 treasures, there are  $5.545703905149951e+35$  layouts.

For 8 monsters and 32 treasures, there are  $1.0571498069192093e+36$  layouts.

For 8 monsters and 33 treasures, there are  $1.922090558034926e+36$  layouts.

For 8 monsters and 34 treasures, there are  $3.3353924389429595e+36$  layouts.

For 8 monsters and 35 treasures, there are  $5.527221755962619e+36$  layouts.

For 8 monsters and 36 treasures, there are  $8.751434446940813e+36$  layouts.

For 9 monsters and 1 treasures, there are 173103094564400 layouts.

For 9 monsters and 2 treasures, there are 7789639255398000 layouts.

For 9 monsters and 3 treasures, there are 231092631243474000 layouts.

For 9 monsters and 4 treasures, there are 5084037887356427000 layouts.

For 9 monsters and 5 treasures, there are 88462259240001850000 layouts.

For 9 monsters and 6 treasures, there are  $1.2679590491066933e+21$  layouts.

For 9 monsters and 7 treasures, there are  $1.539664559629556e+22$  layouts.

For 9 monsters and 8 treasures, there are  $1.6166477876110335e+23$  layouts.

For 9 monsters and 9 treasures, there are  $1.4909085152412864e+24$  layouts.

For 9 monsters and 10 treasures, there are  $1.222544982497855e+25$  layouts.

For 9 monsters and 11 treasures, there are  $9.002376689302386e+25$  layouts.

For 9 monsters and 12 treasures, there are  $6.0015844595349245e+26$  layouts.

For 9 monsters and 13 treasures, there are  $3.6471167100250703e+27$  layouts.

For 9 monsters and 14 treasures, there are  $2.0319650241568245e+28$  layouts.

For 9 monsters and 15 treasures, there are  $1.0430753790671698e+29$  layouts.

For 9 monsters and 16 treasures, there are  $4.954608050569057e+29$  layouts.

For 9 monsters and 17 treasures, there are  $2.1858564928981138e+30$  layouts.

For 9 monsters and 18 treasures, there are  $8.9862989152478e+30$  layouts.

For 9 monsters and 19 treasures, there are  $3.4526306358583655e+31$  layouts.

For 9 monsters and 20 treasures, there are  $1.2429470289090115e+32$  layouts.

For 9 monsters and 21 treasures, there are  $4.20234471678761e+32$  layouts.

For 9 monsters and 22 treasures, there are  $1.33710968261424e+33$  layouts.

For 9 monsters and 23 treasures, there are  $4.011329047842718e+33$  layouts.

For 9 monsters and 24 treasures, there are  $1.1365432302221038e+34$  layouts.

For 9 monsters and 25 treasures, there are  $3.045935856995238e+34$  layouts.

For 9 monsters and 26 treasures, there are  $7.731991021603295e+34$  layouts.

For 9 monsters and 27 treasures, there are  $1.861405245941534e+35$  layouts.

For 9 monsters and 28 treasures, there are  $4.254640562152078e+35$  layouts.

For 9 monsters and 29 treasures, there are  $9.242839841916583e+35$  layouts.

For 9 monsters and 30 treasures, there are  $1.9101869006627606e+36$  layouts.

For 9 monsters and 31 treasures, there are  $3.758754869046078e+36$  layouts.

For 9 monsters and 32 treasures, there are  $7.047665379461395e+36$  layouts.

For 9 monsters and 33 treasures, there are  $1.2600371436006738e+37$  layouts.

For 9 monsters and 34 treasures, there are  $2.149475127318796e+37$  layouts.

layouts.

For 9 monsters and 35 treasures, there are  $3.5005737787763253e+37$  layouts.

For 9 monsters and 36 treasures, there are  $5.445336989207616e+37$  layouts.

For 10 monsters and 1 treasures, there are 1557927851079600 layouts.

For 10 monsters and 2 treasures, there are 69327789373042200 layouts.

For 10 monsters and 3 treasures, there are 2033615154942571000 layouts.

For 10 monsters and 4 treasures, there are 44231129620000920000 layouts.

For 10 monsters and 5 treasures, there are 760775429464015900000 layouts.

For 10 monsters and 6 treasures, there are  $1.0777651917406893e+22$  layouts.

For 10 monsters and 7 treasures, there are  $1.293318230088827e+23$  layouts.

For 10 monsters and 8 treasures, there are  $1.3418176637171578e+24$  layouts.

For 10 monsters and 9 treasures, there are  $1.222544982497855e+25$  layouts.

For 10 monsters and 10 treasures, there are  $9.902614358232627e+25$  layouts.

For 10 monsters and 11 treasures, there are  $7.201901351441909e+26$  layouts.

For 10 monsters and 12 treasures, there are  $4.741251723032591e+27$  layouts.

For 10 monsters and 13 treasures, there are  $2.8447510338195543e+28$  layouts.

For 10 monsters and 14 treasures, there are  $1.5646130686007548e+29$  layouts.

For 10 monsters and 15 treasures, there are  $7.927372880910491e+29$  layouts.

For 10 monsters and 16 treasures, there are  $3.715956037926793e+30$  layouts.

For 10 monsters and 17 treasures, there are  $1.6175338047446039e+31$  layouts.

For 10 monsters and 18 treasures, there are  $6.559998208130895e+31$  layouts.

For 10 monsters and 19 treasures, there are  $2.485894057818023e+32$  layouts.

For 10 monsters and 20 treasures, there are  $8.824923905253981e+32$  layouts.

For 10 monsters and 21 treasures, there are  $2.941641301751327e+33$

layouts.

For 10 monsters and 22 treasures, there are  $9.226056810038254e+33$  layouts.

For 10 monsters and 23 treasures, there are  $2.727703752533049e+34$  layouts.

For 10 monsters and 24 treasures, there are  $7.614839642488095e+34$  layouts.

For 10 monsters and 25 treasures, there are  $2.0103176656168568e+35$  layouts.

For 10 monsters and 26 treasures, there are  $5.025794164042143e+35$  layouts.

For 10 monsters and 27 treasures, there are  $1.1912993574025818e+36$  layouts.

For 10 monsters and 28 treasures, there are  $2.680423554155809e+36$  layouts.

For 10 monsters and 29 treasures, there are  $5.730560701988282e+36$  layouts.

For 10 monsters and 30 treasures, there are  $1.165214009404284e+37$  layouts.

For 10 monsters and 31 treasures, there are  $2.2552529214276464e+37$  layouts.

For 10 monsters and 32 treasures, there are  $4.1581225738822233e+37$  layouts.

For 10 monsters and 33 treasures, there are  $7.308215432883908e+37$  layouts.

For 10 monsters and 34 treasures, there are  $1.2252008225717136e+38$  layouts.

For 10 monsters and 35 treasures, there are  $1.960321316114742e+38$  layouts.

For 10 monsters and 36 treasures, there are  $2.9949353440641892e+38$  layouts.

For 11 monsters and 1 treasures, there are 12605052613280398 layouts.

For 11 monsters and 2 treasures, there are 554622314984337600 layouts.

For 11 monsters and 3 treasures, there are 16084047134545789000 layouts.

For 11 monsters and 4 treasures, there are 345807013392734500000 layouts.

For 11 monsters and 5 treasures, there are  $5.878719227676486e+21$  layouts.

For 11 monsters and 6 treasures, there are  $8.23020691874708e+22$  layouts.

For 11 monsters and 7 treasures, there are  $9.758673917942967e+23$  layouts.

For 11 monsters and 8 treasures, there are  $1.0002640765891541e+25$



layouts.

For 11 monsters and 9 treasures, there are  $9.002376689302386e+25$  layouts.

For 11 monsters and 10 treasures, there are  $7.201901351441909e+26$  layouts.

For 11 monsters and 11 treasures, there are  $5.172274606944646e+27$  layouts.

For 11 monsters and 12 treasures, there are  $3.3619784945140186e+28$  layouts.

For 11 monsters and 13 treasures, there are  $1.991325723673688e+29$  layouts.

For 11 monsters and 14 treasures, there are  $1.0810053928514305e+30$  layouts.

For 11 monsters and 15 treasures, there are  $5.405026964257154e+30$  layouts.

For 11 monsters and 16 treasures, there are  $2.4998249709689335e+31$  layouts.

For 11 monsters and 17 treasures, there are  $1.0734542522396009e+32$  layouts.

For 11 monsters and 18 treasures, there are  $4.293817008958403e+32$  layouts.

For 11 monsters and 19 treasures, there are  $1.6045316191370873e+33$  layouts.

For 11 monsters and 20 treasures, there are  $5.615860666979808e+33$  layouts.

For 11 monsters and 21 treasures, there are  $1.8452113620076507e+34$  layouts.

For 11 monsters and 22 treasures, there are  $5.703380573478193e+34$  layouts.

For 11 monsters and 23 treasures, there are  $1.6614195583610386e+35$  layouts.

For 11 monsters and 24 treasures, there are  $4.568903785492856e+35$  layouts.

For 11 monsters and 25 treasures, there are  $1.1879149842281428e+36$  layouts.

For 11 monsters and 26 treasures, there are  $2.9240984227154287e+36$  layouts.

For 11 monsters and 27 treasures, there are  $6.822896319669333e+36$  layouts.

For 11 monsters and 28 treasures, there are  $1.5107841850696378e+37$  layouts.

For 11 monsters and 29 treasures, there are  $3.1778563892844107e+37$

layouts.

For 11 monsters and 30 treasures, there are  $6.355712778568821e+37$  layouts.

For 11 monsters and 31 treasures, there are  $1.2096356578566469e+38$  layouts.

For 11 monsters and 32 treasures, there are  $2.1924646298651727e+38$  layouts.

For 11 monsters and 33 treasures, there are  $3.786984360676207e+38$  layouts.

For 11 monsters and 34 treasures, there are  $6.237386005819634e+38$  layouts.

For 11 monsters and 35 treasures, there are  $9.80160658057371e+38$  layouts.

For 11 monsters and 36 treasures, there are  $1.4702409870860568e+39$  layouts.

For 12 monsters and 1 treasures, there are 92437052497389600 layouts.

For 12 monsters and 2 treasures, there are 4021011783636447000 layouts.

For 12 monsters and 3 treasures, there are 115269004464244850000 layouts.

For 12 monsters and 4 treasures, there are  $2.4494663448652027e+21$  layouts.

For 12 monsters and 5 treasures, there are  $4.11510345937354e+22$  layouts.

For 12 monsters and 6 treasures, there are  $5.69255978546673e+23$  layouts.

For 12 monsters and 7 treasures, there are  $6.668427177261027e+24$  layouts.

For 12 monsters and 8 treasures, there are  $6.75178251697679e+25$  layouts.

For 12 monsters and 9 treasures, there are  $6.0015844595349245e+26$  layouts.

For 12 monsters and 10 treasures, there are  $4.741251723032591e+27$  layouts.

For 12 monsters and 11 treasures, there are  $3.3619784945140186e+28$  layouts.

For 12 monsters and 12 treasures, there are  $2.1572695339798285e+29$  layouts.

For 12 monsters and 13 treasures, there are  $1.261172958326669e+30$  layouts.

For 12 monsters and 14 treasures, there are  $6.756283705321442e+30$  layouts.

For 12 monsters and 15 treasures, there are  $3.3330999612919113e+31$  layouts.

For 12 monsters and 16 treasures, there are  $1.5207268573394346e+32$  layouts.

For 12 monsters and 17 treasures, there are 6.440725513437605e+32 layouts.

For 12 monsters and 18 treasures, there are 2.5405083969670552e+33 layouts.

For 12 monsters and 19 treasures, there are 9.359767778299679e+33 layouts.

For 12 monsters and 20 treasures, there are 3.2291198835133887e+34 layouts.

For 12 monsters and 21 treasures, there are 1.0456197718043356e+35 layouts.

For 12 monsters and 22 treasures, there are 3.1843874868586573e+35 layouts.

For 12 monsters and 23 treasures, there are 9.137807570985713e+35 layouts.

For 12 monsters and 24 treasures, there are 2.474822883808631e+36 layouts.

For 12 monsters and 25 treasures, there are 6.335546582550095e+36 layouts.

For 12 monsters and 26 treasures, there are 1.5351516719255999e+37 layouts.

For 12 monsters and 27 treasures, there are 3.525163098495822e+37 layouts.

For 12 monsters and 28 treasures, there are 7.679819607437326e+37 layouts.

For 12 monsters and 29 treasures, there are 1.5889281946422053e+38 layouts.

For 12 monsters and 30 treasures, there are 3.1248921161296706e+38 layouts.

For 12 monsters and 31 treasures, there are 5.846572346307127e+38 layouts.

For 12 monsters and 32 treasures, there are 1.041420699185957e+39 layouts.

For 12 monsters and 33 treasures, there are 1.7672593683155628e+39 layouts.

For 12 monsters and 34 treasures, there are 2.858801919333999e+39 layouts.

For 12 monsters and 35 treasures, there are 4.41072296125817e+39 layouts.

For 12 monsters and 36 treasures, there are 6.493564359630083e+39 layouts.

For 13 monsters and 1 treasures, there are 618617197482530300 layouts.

For 13 monsters and 2 treasures, there are 26600539491748807000 layouts.

For 13 monsters and 3 treasures, there are 753681952266216100000 layouts.

For 13 monsters and 4 treasures, there are  $1.582732099759054e+22$  layouts.

For 13 monsters and 5 treasures, there are  $2.6273352856000293e+23$  layouts.

For 13 monsters and 6 treasures, there are  $3.5906915569867074e+24$  layouts.

For 13 monsters and 7 treasures, there are  $4.1549430873703325e+25$  layouts.

For 13 monsters and 8 treasures, there are  $4.154943087370333e+26$  layouts.

For 13 monsters and 9 treasures, there are  $3.6471167100250703e+27$  layouts.

For 13 monsters and 10 treasures, there are  $2.8447510338195543e+28$  layouts.

For 13 monsters and 11 treasures, there are  $1.991325723673688e+29$  layouts.

For 13 monsters and 12 treasures, there are  $1.261172958326669e+30$  layouts.

For 13 monsters and 13 treasures, there are  $7.275997836500014e+30$  layouts.

For 13 monsters and 14 treasures, there are  $3.845884570721436e+31$  layouts.

For 13 monsters and 15 treasures, there are  $1.8716638244177656e+32$  layouts.

For 13 monsters and 16 treasures, there are  $8.422487209879946e+32$  layouts.

For 13 monsters and 17 treasures, there are  $3.517627011185153e+33$  layouts.

For 13 monsters and 18 treasures, there are  $1.3679660599053374e+34$  layouts.

For 13 monsters and 19 treasures, there are  $4.967876743866752e+34$  layouts.

For 13 monsters and 20 treasures, there are  $1.689078092914696e+35$  layouts.

For 13 monsters and 21 treasures, there are  $5.388963439299267e+35$  layouts.

For 13 monsters and 22 treasures, there are  $1.61668903178978e+36$  layouts.

For 13 monsters and 23 treasures, there are  $4.5689037854928567e+36$  layouts.

For 13 monsters and 24 treasures, there are 1.2183743427980952e+37 layouts.

For 13 monsters and 25 treasures, there are 3.0703033438511997e+37 layouts.

For 13 monsters and 26 treasures, there are 7.321492589183629e+37 layouts.

For 13 monsters and 27 treasures, there are 1.6541149923711163e+38 layouts.

For 13 monsters and 28 treasures, there are 3.544532126509535e+38 layouts.

For 13 monsters and 29 treasures, there are 7.211289498760778e+38 layouts.

For 13 monsters and 30 treasures, there are 1.3941826364270838e+39 layouts.

For 13 monsters and 31 treasures, there are 2.5634971056885088e+39 layouts.

For 13 monsters and 32 treasures, there are 4.4861199349548905e+39 layouts.

For 13 monsters and 33 treasures, there are 7.476866558258152e+39 layouts.

For 13 monsters and 34 treasures, there are 1.1875023357233534e+40 layouts.

For 13 monsters and 35 treasures, there are 1.7982178226667924e+40 layouts.

For 13 monsters and 36 treasures, there are 2.597425743852033e+40 layouts.

For 14 monsters and 1 treasures, there are 3800077070249830000 layouts.

For 14 monsters and 2 treasures, there are 161503275485617750000 layouts.

For 14 monsters and 3 treasures, there are 4.522091713597297e+21 layouts.

For 14 monsters and 4 treasures, there are 9.383340305714392e+22 layouts.

For 14 monsters and 5 treasures, there are 1.53886781013716e+24 layouts.

For 14 monsters and 6 treasures, there are 2.0774715436851663e+25 layouts.

For 14 monsters and 7 treasures, there are 2.374253192783047e+26 layouts.

For 14 monsters and 8 treasures, there are 2.3445750278732592e+27 layouts.

For 14 monsters and 9 treasures, there are 2.0319650241568245e+28 layouts.

For 14 monsters and 10 treasures, there are 1.5646130686007548e+29 layouts.

For 14 monsters and 11 treasures, there are 1.0810053928514305e+30 layouts.

For 14 monsters and 12 treasures, there are 6.756283705321442e+30 layouts.

For 14 monsters and 13 treasures, there are 3.845884570721436e+31 layouts.

For 14 monsters and 14 treasures, there are 2.0053540975904634e+32 layouts.

For 14 monsters and 15 treasures, there are 9.625699668434223e+32 layouts.

For 14 monsters and 16 treasures, there are 4.271404227867686e+33 layouts.

For 14 monsters and 17 treasures, there are 1.7588135055925769e+34 layouts.

For 14 monsters and 18 treasures, there are 6.742118438104877e+34 layouts.

For 14 monsters and 19 treasures, there are 2.4129687041638513e+35 layouts.

For 14 monsters and 20 treasures, there are 8.083445158948901e+35 layouts.

For 14 monsters and 21 treasures, there are 2.5405113356696538e+36 layouts.

For 14 monsters and 22 treasures, there are 7.506056219023979e+36 layouts.

For 14 monsters and 23 treasures, there are 2.0886417305110203e+37 layouts.

For 14 monsters and 24 treasures, there are 5.482684542591428e+37 layouts.

For 14 monsters and 25 treasures, there are 1.359705766562674e+38 layouts.

For 14 monsters and 26 treasures, there are 3.190078913858582e+38 layouts.

For 14 monsters and 27 treasures, there are 7.08906425301907e+38 layouts.

For 14 monsters and 28 treasures, there are 1.4937671104575898e+39 layouts.

For 14 monsters and 29 treasures, there are 2.98753422091518e+39 layouts.

For 14 monsters and 30 treasures, there are 5.676315019738841e+39 layouts.

For 14 monsters and 31 treasures, there are  $1.0253988422754035e+40$  layouts.

For 14 monsters and 32 treasures, there are  $1.76240426016085e+40$  layouts.

For 14 monsters and 33 treasures, there are  $2.8839342438995726e+40$  layouts.

For 14 monsters and 34 treasures, there are  $4.495544556666981e+40$  layouts.

For 14 monsters and 35 treasures, there are  $6.679094769905229e+40$  layouts.

For 14 monsters and 36 treasures, there are  $9.462050924032406e+40$  layouts.

For 15 monsters and 1 treasures, there are 21533770064749036000 layouts.

For 15 monsters and 2 treasures, there are 904418342719459400000 layouts.

For 15 monsters and 3 treasures, there are  $2.502224081523838e+22$  layouts.

For 15 monsters and 4 treasures, there are  $5.129559367123867e+23$  layouts.

For 15 monsters and 5 treasures, there are  $8.309886174740665e+24$  layouts.

For 15 monsters and 6 treasures, there are  $1.1079848232987553e+26$  layouts.

For 15 monsters and 7 treasures, there are  $1.2504400148657382e+27$  layouts.

For 15 monsters and 8 treasures, there are  $1.2191790144940947e+28$  layouts.

For 15 monsters and 9 treasures, there are  $1.0430753790671698e+29$  layouts.

For 15 monsters and 10 treasures, there are  $7.927372880910491e+29$  layouts.

For 15 monsters and 11 treasures, there are  $5.405026964257154e+30$  layouts.

For 15 monsters and 12 treasures, there are  $3.3330999612919113e+31$  layouts.

For 15 monsters and 13 treasures, there are  $1.8716638244177656e+32$  layouts.

For 15 monsters and 14 treasures, there are  $9.625699668434223e+32$  layouts.

For 15 monsters and 15 treasures, there are  $4.5561645097255314e+33$  layouts.

For 15 monsters and 16 treasures, there are  $1.9933219730049204e+34$  layouts.

layouts.

For 15 monsters and 17 treasures, there are  $8.090542125725852e+34$  layouts.

For 15 monsters and 18 treasures, there are  $3.0564270252742112e+35$  layouts.

For 15 monsters and 19 treasures, there are  $1.0777926878598533e+36$  layouts.

For 15 monsters and 20 treasures, there are  $3.5567158699375155e+36$  layouts.

For 15 monsters and 21 treasures, there are  $1.1008882454568502e+37$  layouts.

For 15 monsters and 22 treasures, there are  $3.2025839867835637e+37$  layouts.

For 15 monsters and 23 treasures, there are  $8.772295268146283e+37$  layouts.

For 15 monsters and 24 treasures, there are  $2.2661762776044572e+38$  layouts.

For 15 monsters and 25 treasures, there are  $5.5294701173548745e+38$  layouts.

For 15 monsters and 26 treasures, there are  $1.2760315655434326e+39$  layouts.

For 15 monsters and 27 treasures, there are  $2.788365272854168e+39$  layouts.

For 15 monsters and 28 treasures, there are  $5.775899493769347e+39$  layouts.

For 15 monsters and 29 treasures, there are  $1.1352630039477682e+40$  layouts.

For 15 monsters and 30 treasures, there are  $2.1191576073691674e+40$  layouts.

For 15 monsters and 31 treasures, there are  $3.7597957550098136e+40$  layouts.

For 15 monsters and 32 treasures, there are  $6.34465533657906e+40$  layouts.

For 15 monsters and 33 treasures, there are  $1.0189900995111825e+41$  layouts.

For 15 monsters and 34 treasures, there are  $1.55845544631122e+41$  layouts.

For 15 monsters and 35 treasures, there are  $2.270892221767778e+41$  layouts.

For 15 monsters and 36 treasures, there are  $3.1540169746774692e+41$  layouts.

For 16 monsters and 1 treasures, there are 113052292839932430000



layouts.

For 16 monsters and 2 treasures, there are  $4.691670152857195e+21$  layouts.

For 16 monsters and 3 treasures, there are  $1.2823898417809667e+23$  layouts.

For 16 monsters and 4 treasures, there are  $2.596839429606458e+24$  layouts.

For 16 monsters and 5 treasures, there are  $4.1549430873703325e+25$  layouts.

For 16 monsters and 6 treasures, there are  $5.470675065037605e+26$  layouts.

For 16 monsters and 7 treasures, there are  $6.095895072470473e+27$  layouts.

For 16 monsters and 8 treasures, there are  $5.867299007252831e+28$  layouts.

For 16 monsters and 9 treasures, there are  $4.954608050569057e+29$  layouts.

For 16 monsters and 10 treasures, there are  $3.715956037926793e+30$  layouts.

For 16 monsters and 11 treasures, there are  $2.4998249709689335e+31$  layouts.

For 16 monsters and 12 treasures, there are  $1.5207268573394346e+32$  layouts.

For 16 monsters and 13 treasures, there are  $8.422487209879946e+32$  layouts.

For 16 monsters and 14 treasures, there are  $4.271404227867686e+33$  layouts.

For 16 monsters and 15 treasures, there are  $1.9933219730049204e+34$  layouts.

For 16 monsters and 16 treasures, there are  $8.596201008583719e+34$  layouts.

For 16 monsters and 17 treasures, there are  $3.4384804034334874e+35$  layouts.

For 16 monsters and 18 treasures, there are  $1.2798788168335759e+36$  layouts.

For 16 monsters and 19 treasures, there are  $4.445894837421895e+36$  layouts.

For 16 monsters and 20 treasures, there are  $1.444915822162116e+37$  layouts.

For 16 monsters and 21 treasures, there are  $4.403552981827401e+37$  layouts.

For 16 monsters and 22 treasures, there are  $1.2610174447960282e+38$

layouts.

For 16 monsters and 23 treasures, there are  $3.399264416406685e+38$  layouts.

For 16 monsters and 24 treasures, there are  $8.639797058366993e+38$  layouts.

For 16 monsters and 25 treasures, there are  $2.073551294008078e+39$  layouts.

For 16 monsters and 26 treasures, there are  $4.705366397941408e+39$  layouts.

For 16 monsters and 27 treasures, there are  $1.010782411409636e+40$  layouts.

For 16 monsters and 28 treasures, there are  $2.0576641946553297e+40$  layouts.

For 16 monsters and 29 treasures, there are  $3.973420513817189e+40$  layouts.

For 16 monsters and 30 treasures, there are  $7.2846042753315135e+40$  layouts.

For 16 monsters and 31 treasures, there are  $1.268931067315812e+41$  layouts.

For 16 monsters and 32 treasures, there are  $2.101667080241814e+41$  layouts.

For 16 monsters and 33 treasures, there are  $3.3117178234113432e+41$  layouts.

For 16 monsters and 34 treasures, there are  $4.967576735117014e+41$  layouts.

For 16 monsters and 35 treasures, there are  $7.096538193024306e+41$  layouts.

For 16 monsters and 36 treasures, there are  $9.659176984949748e+41$  layouts.

For 17 monsters and 1 treasures, there are 551961194453787700000 layouts.

For 17 monsters and 2 treasures, there are  $2.26304089726053e+22$  layouts.

For 17 monsters and 3 treasures, there are  $6.11021042260343e+23$  layouts.

For 17 monsters and 4 treasures, there are  $1.2220420845206861e+25$  layouts.

For 17 monsters and 5 treasures, there are  $1.930826493542684e+26$  layouts.

For 17 monsters and 6 treasures, there are  $2.510074441605489e+27$  layouts.

For 17 monsters and 7 treasures, there are  $2.7610818857660377e+28$  layouts.

For 17 monsters and 8 treasures, there are  $2.623027791477736e+29$

layouts.

For 17 monsters and 9 treasures, there are  $2.1858564928981138e+30$  layouts.

For 17 monsters and 10 treasures, there are  $1.6175338047446039e+31$  layouts.

For 17 monsters and 11 treasures, there are  $1.0734542522396009e+32$  layouts.

For 17 monsters and 12 treasures, there are  $6.440725513437605e+32$  layouts.

For 17 monsters and 13 treasures, there are  $3.517627011185153e+33$  layouts.

For 17 monsters and 14 treasures, there are  $1.7588135055925769e+34$  layouts.

For 17 monsters and 15 treasures, there are  $8.090542125725852e+34$  layouts.

For 17 monsters and 16 treasures, there are  $3.4384804034334874e+35$  layouts.

For 17 monsters and 17 treasures, there are  $1.3551658060590805e+36$  layouts.

For 17 monsters and 18 treasures, there are  $4.968941288883294e+36$  layouts.

For 17 monsters and 19 treasures, there are  $1.6999009672495483e+37$  layouts.

For 17 monsters and 20 treasures, there are  $5.4396830951985535e+37$  layouts.

For 17 monsters and 21 treasures, there are  $1.631904928559566e+38$  layouts.

For 17 monsters and 22 treasures, there are  $4.599004798667868e+38$  layouts.

For 17 monsters and 23 treasures, there are  $1.2197360552988695e+39$  layouts.

For 17 monsters and 24 treasures, there are  $3.0493401382471734e+39$  layouts.

For 17 monsters and 25 treasures, there are  $7.196442726263329e+39$  layouts.

For 17 monsters and 26 treasures, there are  $1.6053603004741276e+40$  layouts.

For 17 monsters and 27 treasures, there are  $3.3890939676676025e+40$  layouts.

For 17 monsters and 28 treasures, there are  $6.778187935335205e+40$  layouts.

For 17 monsters and 29 treasures, there are  $1.2855184015290909e+41$

layouts.

For 17 monsters and 30 treasures, there are  $2.313933122752363e+41$  layouts.

For 17 monsters and 31 treasures, there are  $3.956079209866943e+41$  layouts.

For 17 monsters and 32 treasures, there are  $6.428628716033783e+41$  layouts.

For 17 monsters and 33 treasures, there are  $9.935153470234028e+41$  layouts.

For 17 monsters and 34 treasures, there are  $1.461051980916769e+42$  layouts.

For 17 monsters and 35 treasures, there are  $2.0454727732834764e+42$  layouts.

For 17 monsters and 36 treasures, there are  $2.7272970310446347e+42$  layouts.

For 18 monsters and 1 treasures, there are  $2.514489885845033e+21$  layouts.

For 18 monsters and 2 treasures, there are  $1.0183684037672383e+23$  layouts.

For 18 monsters and 3 treasures, there are  $2.7156490767126357e+24$  layouts.

For 18 monsters and 4 treasures, there are  $5.363406926507456e+25$  layouts.

For 18 monsters and 5 treasures, there are  $8.36691480535163e+26$  layouts.

For 18 monsters and 6 treasures, there are  $1.0737540666867925e+28$  layouts.

For 18 monsters and 7 treasures, there are  $1.1657901295456604e+29$  layouts.

For 18 monsters and 8 treasures, there are  $1.0929282464490569e+30$  layouts.

For 18 monsters and 9 treasures, there are  $8.9862989152478e+30$  layouts.

For 18 monsters and 10 treasures, there are  $6.559998208130895e+31$  layouts.

For 18 monsters and 11 treasures, there are  $4.293817008958403e+32$  layouts.

For 18 monsters and 12 treasures, there are  $2.5405083969670552e+33$  layouts.

For 18 monsters and 13 treasures, there are  $1.3679660599053374e+34$  layouts.

For 18 monsters and 14 treasures, there are  $6.742118438104877e+34$  layouts.

For 18 monsters and 15 treasures, there are  $3.0564270252742112e+35$

layouts.

For 18 monsters and 16 treasures, there are  $1.2798788168335759e+36$  layouts.

For 18 monsters and 17 treasures, there are  $4.968941288883294e+36$  layouts.

For 18 monsters and 18 treasures, there are  $1.7943399098745232e+37$  layouts.

For 18 monsters and 19 treasures, there are  $6.044092327998393e+37$  layouts.

For 18 monsters and 20 treasures, there are  $1.903889083319494e+38$  layouts.

For 18 monsters and 21 treasures, there are  $5.621005865038506e+38$  layouts.

For 18 monsters and 22 treasures, there are  $1.558551626215222e+39$  layouts.

For 18 monsters and 23 treasures, there are  $4.065786850996231e+39$  layouts.

For 18 monsters and 24 treasures, there are  $9.995059342032403e+39$  layouts.

For 18 monsters and 25 treasures, there are  $2.318853767351518e+40$  layouts.

For 18 monsters and 26 treasures, there are  $5.083640951501403e+40$  layouts.

For 18 monsters and 27 treasures, there are  $1.054384789941032e+41$  layouts.

For 18 monsters and 28 treasures, there are  $2.0711129802413126e+41$  layouts.

For 18 monsters and 29 treasures, there are  $3.8565552045872715e+41$  layouts.

For 18 monsters and 30 treasures, there are  $6.81324752810418e+41$  layouts.

For 18 monsters and 31 treasures, there are  $1.1428673272948949e+42$  layouts.

For 18 monsters and 32 treasures, there are  $1.8214448028762388e+42$  layouts.

For 18 monsters and 33 treasures, there are  $2.7597648528427854e+42$  layouts.

For 18 monsters and 34 treasures, there are  $3.9773081702734264e+42$  layouts.

For 18 monsters and 35 treasures, there are  $5.4545940620892695e+42$  layouts.

For 18 monsters and 36 treasures, there are  $7.12127558106099e+42$

layouts.

For 19 monsters and 1 treasures, there are  $1.0719667408076194e+22$  layouts.

For 19 monsters and 2 treasures, there are  $4.287866963230477e+23$  layouts.

For 19 monsters and 3 treasures, there are  $1.129138300317359e+25$  layouts.

For 19 monsters and 4 treasures, there are  $2.2018196856188502e+26$  layouts.

For 19 monsters and 5 treasures, there are  $3.390802315853029e+27$  layouts.

For 19 monsters and 6 treasures, there are  $4.29501626674717e+28$  layouts.

For 19 monsters and 7 treasures, there are  $4.601803142943397e+29$  layouts.

For 19 monsters and 8 treasures, there are  $4.256667907222642e+30$  layouts.

For 19 monsters and 9 treasures, there are  $3.4526306358583655e+31$  layouts.

For 19 monsters and 10 treasures, there are  $2.485894057818023e+32$  layouts.

For 19 monsters and 11 treasures, there are  $1.6045316191370873e+33$  layouts.

For 19 monsters and 12 treasures, there are  $9.359767778299679e+33$  layouts.

For 19 monsters and 13 treasures, there are  $4.967876743866752e+34$  layouts.

For 19 monsters and 14 treasures, there are  $2.4129687041638513e+35$  layouts.

For 19 monsters and 15 treasures, there are  $1.0777926878598533e+36$  layouts.

For 19 monsters and 16 treasures, there are  $4.445894837421895e+36$  layouts.

For 19 monsters and 17 treasures, there are  $1.6999009672495483e+37$  layouts.

For 19 monsters and 18 treasures, there are  $6.044092327998393e+37$  layouts.

For 19 monsters and 19 treasures, there are  $2.004093771915257e+38$  layouts.

For 19 monsters and 20 treasures, there are  $6.212690692937296e+38$  layouts.

For 19 monsters and 21 treasures, there are  $1.8046387250913097e+39$  layouts.

For 19 monsters and 22 treasures, there are  $4.9217419775217543e+39$  layouts.

For 19 monsters and 23 treasures, there are  $1.2625338116251456e+40$  layouts.

For 19 monsters and 24 treasures, there are  $3.051123378094102e+40$  layouts.

For 19 monsters and 25 treasures, there are  $6.956561302054553e+40$  layouts.

For 19 monsters and 26 treasures, there are  $1.4983362804425189e+41$  layouts.

For 19 monsters and 27 treasures, there are  $3.052166497197724e+41$  layouts.

For 19 monsters and 28 treasures, there are  $5.886321101738467e+41$  layouts.

For 19 monsters and 29 treasures, there are  $1.0757759254901336e+42$  layouts.

For 19 monsters and 30 treasures, there are  $1.864678270849565e+42$  layouts.

For 19 monsters and 31 treasures, there are  $3.0676965101073496e+42$  layouts.

For 19 monsters and 32 treasures, there are  $4.793275797042733e+42$  layouts.

For 19 monsters and 33 treasures, there are  $7.117288304699816e+42$  layouts.

For 19 monsters and 34 treasures, there are  $1.0047936430164445e+43$  layouts.

For 19 monsters and 35 treasures, there are  $1.3492943206220824e+43$  layouts.

For 19 monsters and 36 treasures, there are  $1.7240982985726611e+43$  layouts.

For 20 monsters and 1 treasures, there are  $4.2878669632304776e+22$  layouts.

For 20 monsters and 2 treasures, there are  $1.6937074504760388e+24$  layouts.

For 20 monsters and 3 treasures, there are  $4.4036393712377e+25$  layouts.

For 20 monsters and 4 treasures, there are  $8.477005789632572e+26$  layouts.

For 20 monsters and 5 treasures, there are  $1.2885048800241511e+28$  layouts.

For 20 monsters and 6 treasures, there are  $1.610631100030189e+29$  layouts.

For 20 monsters and 7 treasures, there are  $1.702667162889057e+30$  layouts.

layouts.

For 20 monsters and 8 treasures, there are  $1.5536837861362643e+31$  layouts.

For 20 monsters and 9 treasures, there are  $1.2429470289090115e+32$  layouts.

For 20 monsters and 10 treasures, there are  $8.824923905253981e+32$  layouts.

For 20 monsters and 11 treasures, there are  $5.615860666979808e+33$  layouts.

For 20 monsters and 12 treasures, there are  $3.2291198835133887e+34$  layouts.

For 20 monsters and 13 treasures, there are  $1.689078092914696e+35$  layouts.

For 20 monsters and 14 treasures, there are  $8.083445158948901e+35$  layouts.

For 20 monsters and 15 treasures, there are  $3.5567158699375155e+36$  layouts.

For 20 monsters and 16 treasures, there are  $1.444915822162116e+37$  layouts.

For 20 monsters and 17 treasures, there are  $5.4396830951985535e+37$  layouts.

For 20 monsters and 18 treasures, there are  $1.903889083319494e+38$  layouts.

For 20 monsters and 19 treasures, there are  $6.212690692937296e+38$  layouts.

For 20 monsters and 20 treasures, there are  $1.8948706613458753e+39$  layouts.

For 20 monsters and 21 treasures, there are  $5.413916175273929e+39$  layouts.

For 20 monsters and 22 treasures, there are  $1.4519138833689173e+40$  layouts.

For 20 monsters and 23 treasures, there are  $3.661348053712922e+40$  layouts.

For 20 monsters and 24 treasures, there are  $8.695701627568191e+40$  layouts.

For 20 monsters and 25 treasures, there are  $1.9478371645752743e+41$  layouts.

For 20 monsters and 26 treasures, there are  $4.120424771216927e+41$  layouts.

For 20 monsters and 27 treasures, there are  $8.240849542433854e+41$  layouts.

For 20 monsters and 28 treasures, there are  $1.559875091960694e+42$



layouts.

For 20 monsters and 29 treasures, there are  $2.7970174062743475e+42$  layouts.

For 20 monsters and 30 treasures, there are  $4.754929590666391e+42$  layouts.

For 20 monsters and 31 treasures, there are  $7.669241275268373e+42$  layouts.

For 20 monsters and 32 treasures, there are  $1.1743525702754697e+43$  layouts.

For 20 monsters and 33 treasures, there are  $1.7081491931279558e+43$  layouts.

For 20 monsters and 34 treasures, there are  $2.3612650610886446e+43$  layouts.

For 20 monsters and 35 treasures, there are  $3.10337693743079e+43$  layouts.

For 20 monsters and 36 treasures, there are  $3.879221171788487e+43$  layouts.

For 21 monsters and 1 treasures, there are  $1.6130547147390847e+23$  layouts.

For 21 monsters and 2 treasures, there are  $6.290913387482429e+24$  layouts.

For 21 monsters and 3 treasures, there are  $1.6146677694538234e+26$  layouts.

For 21 monsters and 4 treasures, there are  $3.067868761962264e+27$  layouts.

For 21 monsters and 5 treasures, there are  $4.601803142943397e+28$  layouts.

For 21 monsters and 6 treasures, there are  $5.675557209630189e+29$  layouts.

For 21 monsters and 7 treasures, there are  $5.918795375757198e+30$  layouts.

For 21 monsters and 8 treasures, there are  $5.3269158381814785e+31$  layouts.

For 21 monsters and 9 treasures, there are  $4.20234471678761e+32$  layouts.

For 21 monsters and 10 treasures, there are  $2.941641301751327e+33$  layouts.

For 21 monsters and 11 treasures, there are  $1.8452113620076507e+34$  layouts.

For 21 monsters and 12 treasures, there are  $1.0456197718043356e+35$  layouts.

For 21 monsters and 13 treasures, there are  $5.388963439299267e+35$  layouts.

For 21 monsters and 14 treasures, there are 2.5405113356696538e+36 layouts.

For 21 monsters and 15 treasures, there are 1.1008882454568502e+37 layouts.

For 21 monsters and 16 treasures, there are 4.403552981827401e+37 layouts.

For 21 monsters and 17 treasures, there are 1.631904928559566e+38 layouts.

For 21 monsters and 18 treasures, there are 5.621005865038506e+38 layouts.

For 21 monsters and 19 treasures, there are 1.8046387250913097e+39 layouts.

For 21 monsters and 20 treasures, there are 5.413916175273929e+39 layouts.

For 21 monsters and 21 treasures, there are 1.5210526397198183e+40 layouts.

For 21 monsters and 22 treasures, there are 4.0100478683522487e+40 layouts.

For 21 monsters and 23 treasures, there are 9.937944717220787e+40 layouts.

For 21 monsters and 24 treasures, there are 2.3188537673515175e+41 layouts.

For 21 monsters and 25 treasures, there are 5.101478288173338e+41 layouts.

For 21 monsters and 26 treasures, there are 1.0595377983129242e+42 layouts.

For 21 monsters and 27 treasures, there are 2.0798334559475916e+42 layouts.

For 21 monsters and 28 treasures, there are 3.8625478467598135e+42 layouts.

For 21 monsters and 29 treasures, there are 6.792756558094844e+42 layouts.

For 21 monsters and 30 treasures, there are 1.1321260930158073e+43 layouts.

For 21 monsters and 31 treasures, there are 1.7894896308959536e+43 layouts.

For 21 monsters and 32 treasures, there are 2.68423444634393e+43 layouts.

For 21 monsters and 33 treasures, there are 3.8230005750959005e+43 layouts.

For 21 monsters and 34 treasures, there are 5.172294895717984e+43 layouts.

For 21 monsters and 35 treasures, there are  $6.650093437351692e+43$  layouts.

For 21 monsters and 36 treasures, there are  $8.127891978985403e+43$  layouts.

For 22 monsters and 1 treasures, there are  $5.719012170438572e+23$  layouts.

For 22 monsters and 2 treasures, there are  $2.20181968561885e+25$  layouts.

For 22 monsters and 3 treasures, there are  $5.577943203567753e+26$  layouts.

For 22 monsters and 4 treasures, there are  $1.0458643506689538e+28$  layouts.

For 22 monsters and 5 treasures, there are  $1.5478792389900517e+29$  layouts.

For 22 monsters and 6 treasures, there are  $1.883253074104563e+30$  layouts.

For 22 monsters and 7 treasures, there are  $1.9370603047932647e+31$  layouts.

For 22 monsters and 8 treasures, there are  $1.7191410205040224e+32$  layouts.

For 22 monsters and 9 treasures, there are  $1.33710968261424e+33$  layouts.

For 22 monsters and 10 treasures, there are  $9.226056810038254e+33$  layouts.

For 22 monsters and 11 treasures, there are  $5.703380573478193e+34$  layouts.

For 22 monsters and 12 treasures, there are  $3.1843874868586573e+35$  layouts.

For 22 monsters and 13 treasures, there are  $1.61668903178978e+36$  layouts.

For 22 monsters and 14 treasures, there are  $7.506056219023979e+36$  layouts.

For 22 monsters and 15 treasures, there are  $3.2025839867835637e+37$  layouts.

For 22 monsters and 16 treasures, there are  $1.2610174447960282e+38$  layouts.

For 22 monsters and 17 treasures, there are  $4.599004798667868e+38$  layouts.

For 22 monsters and 18 treasures, there are  $1.558551626215222e+39$  layouts.

For 22 monsters and 19 treasures, there are  $4.9217419775217543e+39$  layouts.

For 22 monsters and 20 treasures, there are  $1.4519138833689173e+40$  layouts.

For 22 monsters and 21 treasures, there are 4.0100478683522487e+40 layouts.

For 22 monsters and 22 treasures, there are 1.038966947709446e+41 layouts.

For 22 monsters and 23 treasures, there are 2.529658655292564e+41 layouts.

For 22 monsters and 24 treasures, there are 5.7971344183787935e+41 layouts.

For 22 monsters and 25 treasures, there are 1.2521810343698194e+42 layouts.

For 22 monsters and 26 treasures, there are 2.5525228777538623e+42 layouts.

For 22 monsters and 27 treasures, there are 4.9159699867852166e+42 layouts.

For 22 monsters and 28 treasures, there are 8.954088190215932e+42 layouts.

For 22 monsters and 29 treasures, there are 1.5438083086579194e+43 layouts.

For 22 monsters and 30 treasures, there are 2.5215535708079345e+43 layouts.

For 22 monsters and 31 treasures, there are 3.9043410128638995e+43 layouts.

For 22 monsters and 32 treasures, there are 5.734500862643851e+43 layouts.

For 22 monsters and 33 treasures, there are 7.993546657018702e+43 layouts.

For 22 monsters and 34 treasures, there are 1.057969410487769e+44 layouts.

For 22 monsters and 35 treasures, there are 1.3300186874703386e+44 layouts.

For 22 monsters and 36 treasures, there are 1.5886334322562375e+44 layouts.

For 23 monsters and 1 treasures, there are 1.9146258135816087e+24 layouts.

For 23 monsters and 2 treasures, there are 7.275578091610113e+25 layouts.

For 23 monsters and 3 treasures, there are 1.8188945229025288e+27 layouts.

For 23 monsters and 4 treasures, there are 3.3649548673696774e+28 layouts.

For 23 monsters and 5 treasures, there are 4.912834106359729e+29 layouts.

For 23 monsters and 6 treasures, there are  $5.895400927631674e+30$  layouts.

For 23 monsters and 7 treasures, there are  $5.979620940883555e+31$  layouts.

For 23 monsters and 8 treasures, there are  $5.232168323273112e+32$  layouts.

For 23 monsters and 9 treasures, there are  $4.011329047842718e+33$  layouts.

For 23 monsters and 10 treasures, there are  $2.727703752533049e+34$  layouts.

For 23 monsters and 11 treasures, there are  $1.6614195583610386e+35$  layouts.

For 23 monsters and 12 treasures, there are  $9.137807570985713e+35$  layouts.

For 23 monsters and 13 treasures, there are  $4.5689037854928567e+36$  layouts.

For 23 monsters and 14 treasures, there are  $2.0886417305110203e+37$  layouts.

For 23 monsters and 15 treasures, there are  $8.772295268146283e+37$  layouts.

For 23 monsters and 16 treasures, there are  $3.399264416406685e+38$  layouts.

For 23 monsters and 17 treasures, there are  $1.2197360552988695e+39$  layouts.

For 23 monsters and 18 treasures, there are  $4.065786850996231e+39$  layouts.

For 23 monsters and 19 treasures, there are  $1.2625338116251456e+40$  layouts.

For 23 monsters and 20 treasures, there are  $3.661348053712922e+40$  layouts.

For 23 monsters and 21 treasures, there are  $9.937944717220787e+40$  layouts.

For 23 monsters and 22 treasures, there are  $2.529658655292564e+41$  layouts.

For 23 monsters and 23 treasures, there are  $6.049183740917001e+41$  layouts.

For 23 monsters and 24 treasures, there are  $1.3610663417063256e+42$  layouts.

For 23 monsters and 25 treasures, there are  $2.8854606444174094e+42$  layouts.

For 23 monsters and 26 treasures, there are  $5.770921288834819e+42$  layouts.

For 23 monsters and 27 treasures, there are 1.0900629101132437e+43 layouts.

For 23 monsters and 28 treasures, there are 1.9465409109165064e+43 layouts.

For 23 monsters and 29 treasures, there are 3.288982918445132e+43 layouts.

For 23 monsters and 30 treasures, there are 5.262372669512211e+43 layouts.

For 23 monsters and 31 treasures, there are 7.978435982808836e+43 layouts.

For 23 monsters and 32 treasures, there are 1.1469001725287702e+44 layouts.

For 23 monsters and 33 treasures, there are 1.5639547807210504e+44 layouts.

For 23 monsters and 34 treasures, there are 2.023941480933124e+44 layouts.

For 23 monsters and 35 treasures, there are 2.4865566765749804e+44 layouts.

For 23 monsters and 36 treasures, there are 2.9009827893374777e+44 layouts.

For 24 monsters and 1 treasures, there are 6.062981743008428e+24 layouts.

For 24 monsters and 2 treasures, there are 2.273618153628161e+26 layouts.

For 24 monsters and 3 treasures, there are 5.608258112282796e+27 layouts.

For 24 monsters and 4 treasures, there are 1.0235071054916103e+29 layouts.

For 24 monsters and 5 treasures, there are 1.473850231907919e+30 layouts.

For 24 monsters and 6 treasures, there are 1.7440561077577037e+31 layouts.

For 24 monsters and 7 treasures, there are 1.7440561077577043e+32 layouts.

For 24 monsters and 8 treasures, there are 1.5042483929410196e+33 layouts.

For 24 monsters and 9 treasures, there are 1.1365432302221038e+34 layouts.

For 24 monsters and 10 treasures, there are 7.614839642488095e+34 layouts.

For 24 monsters and 11 treasures, there are 4.568903785492856e+35 layouts.

For 24 monsters and 12 treasures, there are 2.474822883808631e+36 layouts.

For 24 monsters and 13 treasures, there are 1.2183743427980952e+37 layouts.

For 24 monsters and 14 treasures, there are 5.482684542591428e+37 layouts.

For 24 monsters and 15 treasures, there are 2.2661762776044572e+38 layouts.

For 24 monsters and 16 treasures, there are 8.639797058366993e+38 layouts.

For 24 monsters and 17 treasures, there are 3.0493401382471734e+39 layouts.

For 24 monsters and 18 treasures, there are 9.995059342032403e+39 layouts.

For 24 monsters and 19 treasures, there are 3.051123378094102e+40 layouts.

For 24 monsters and 20 treasures, there are 8.695701627568191e+40 layouts.

For 24 monsters and 21 treasures, there are 2.3188537673515175e+41 layouts.

For 24 monsters and 22 treasures, there are 5.7971344183787935e+41 layouts.

For 24 monsters and 23 treasures, there are 1.3610663417063256e+42 layouts.

For 24 monsters and 24 treasures, there are 3.005688171268136e+42 layouts.

For 24 monsters and 25 treasures, there are 6.251831396237723e+42 layouts.

For 24 monsters and 26 treasures, there are 1.2263207738773994e+43 layouts.

For 24 monsters and 27 treasures, there are 2.2709643960692584e+43 layouts.

For 24 monsters and 28 treasures, there are 3.974187693121201e+43 layouts.

For 24 monsters and 29 treasures, there are 6.577965836890264e+43 layouts.

For 24 monsters and 30 treasures, there are 1.030547981112808e+44 layouts.

For 24 monsters and 31 treasures, there are 1.5292002300383606e+44 layouts.

For 24 monsters and 32 treasures, there are 2.1504378234914447e+44 layouts.

For 24 monsters and 33 treasures, there are 2.8672504313219262e+44 layouts.

For 24 monsters and 34 treasures, there are 3.626228486671847e+44 layouts.

For 24 monsters and 35 treasures, there are 4.351474184006216e+44 layouts.

For 24 monsters and 36 treasures, there are 4.955845598451524e+44 layouts.

For 25 monsters and 1 treasures, there are 1.8188945229025286e+25 layouts.

For 25 monsters and 2 treasures, there are 6.729909734739355e+26 layouts.

For 25 monsters and 3 treasures, there are 1.6376113687865763e+28 layouts.

For 25 monsters and 4 treasures, there are 2.9477004638158373e+29 layouts.

For 25 monsters and 5 treasures, there are 4.185734658618489e+30 layouts.

For 25 monsters and 6 treasures, there are 4.883357101721571e+31 layouts.

For 25 monsters and 7 treasures, there are 4.813594857411262e+32 layouts.

For 25 monsters and 8 treasures, there are 4.091555628799573e+33 layouts.

For 25 monsters and 9 treasures, there are 3.045935856995238e+34 layouts.

For 25 monsters and 10 treasures, there are 2.0103176656168568e+35 layouts.

For 25 monsters and 11 treasures, there are 1.1879149842281428e+36 layouts.

For 25 monsters and 12 treasures, there are 6.335546582550095e+36 layouts.

For 25 monsters and 13 treasures, there are 3.0703033438511997e+37 layouts.

For 25 monsters and 14 treasures, there are 1.359705766562674e+38 layouts.

For 25 monsters and 15 treasures, there are 5.5294701173548745e+38 layouts.

For 25 monsters and 16 treasures, there are 2.073551294008078e+39 layouts.

For 25 monsters and 17 treasures, there are 7.196442726263329e+39 layouts.



For 25 monsters and 18 treasures, there are 2.318853767351518e+40 layouts.

For 25 monsters and 19 treasures, there are 6.956561302054553e+40 layouts.

For 25 monsters and 20 treasures, there are 1.9478371645752743e+41 layouts.

For 25 monsters and 21 treasures, there are 5.101478288173338e+41 layouts.

For 25 monsters and 22 treasures, there are 1.2521810343698194e+42 layouts.

For 25 monsters and 23 treasures, there are 2.8854606444174094e+42 layouts.

For 25 monsters and 24 treasures, there are 6.251831396237723e+42 layouts.

For 25 monsters and 25 treasures, there are 1.2753736048324953e+43 layouts.

For 25 monsters and 26 treasures, there are 2.4526415477547983e+43 layouts.

For 25 monsters and 27 treasures, there are 4.4510902162957457e+43 layouts.

For 25 monsters and 28 treasures, there are 7.630440370792706e+43 layouts.

For 25 monsters and 29 treasures, there are 1.2366575773353695e+44 layouts.

For 25 monsters and 30 treasures, there are 1.896208285247567e+44 layouts.

For 25 monsters and 31 treasures, there are 2.7525604140690487e+44 layouts.

For 25 monsters and 32 treasures, there are 3.784770569344942e+44 layouts.

For 25 monsters and 33 treasures, there are 4.931670741873712e+44 layouts.

For 25 monsters and 34 treasures, there are 6.092063857608702e+44 layouts.

For 25 monsters and 35 treasures, there are 7.136417661770195e+44 layouts.

For 25 monsters and 36 treasures, there are 7.929352957522438e+44 layouts.

For 26 monsters and 1 treasures, there are 5.1768536421071965e+25 layouts.

For 26 monsters and 2 treasures, there are 1.8895515793691265e+27 layouts.

For 26 monsters and 3 treasures, there are 4.534923790485904e+28 layouts.

For 26 monsters and 4 treasures, there are 8.049489728112479e+29 layouts.

For 26 monsters and 5 treasures, there are 1.1269285619357471e+31 layouts.

For 26 monsters and 6 treasures, there are 1.2959678462261093e+32 layouts.

For 26 monsters and 7 treasures, there are 1.2589401934767918e+33 layouts.

For 26 monsters and 8 treasures, there are 1.054362412036813e+34 layouts.

For 26 monsters and 9 treasures, there are 7.731991021603295e+34 layouts.

For 26 monsters and 10 treasures, there are 5.025794164042143e+35 layouts.

For 26 monsters and 11 treasures, there are 2.9240984227154287e+36 layouts.

For 26 monsters and 12 treasures, there are 1.5351516719255999e+37 layouts.

For 26 monsters and 13 treasures, there are 7.321492589183629e+37 layouts.

For 26 monsters and 14 treasures, there are 3.190078913858582e+38 layouts.

For 26 monsters and 15 treasures, there are 1.2760315655434326e+39 layouts.

For 26 monsters and 16 treasures, there are 4.705366397941408e+39 layouts.

For 26 monsters and 17 treasures, there are 1.6053603004741276e+40 layouts.

For 26 monsters and 18 treasures, there are 5.083640951501403e+40 layouts.

For 26 monsters and 19 treasures, there are 1.4983362804425189e+41 layouts.

For 26 monsters and 20 treasures, there are 4.120424771216927e+41 layouts.

For 26 monsters and 21 treasures, there are 1.0595377983129242e+42 layouts.

For 26 monsters and 22 treasures, there are 2.5525228777538623e+42 layouts.

For 26 monsters and 23 treasures, there are 5.770921288834819e+42 layouts.

For 26 monsters and 24 treasures, there are 1.2263207738773994e+43 layouts.

For 26 monsters and 25 treasures, there are 2.4526415477547983e+43 layouts.

For 26 monsters and 26 treasures, there are 4.622285993845581e+43 layouts.

For 26 monsters and 27 treasures, there are 8.217397322392146e+43 layouts.

For 26 monsters and 28 treasures, there are 1.3793488362586813e+44 layouts.

For 26 monsters and 29 treasures, there are 2.1879326368241153e+44 layouts.

For 26 monsters and 30 treasures, there are 3.2818989552361726e+44 layouts.

For 26 monsters and 31 treasures, there are 4.6581791622706975e+44 layouts.

For 26 monsters and 32 treasures, there are 6.2594282493012495e+44 layouts.

For 26 monsters and 33 treasures, there are 7.966545044565228e+44 layouts.

For 26 monsters and 34 treasures, there are 9.606716083152186e+44 layouts.

For 26 monsters and 35 treasures, there are 1.0979104095031067e+45 layouts.

For 26 monsters and 36 treasures, there are 1.1894029436283658e+45 layouts.

For 27 monsters and 1 treasures, there are 1.3996678365697235e+26 layouts.

For 27 monsters and 2 treasures, there are 5.038804211651004e+27 layouts.

For 27 monsters and 3 treasures, there are 1.1925169967574044e+29 layouts.

For 27 monsters and 4 treasures, there are 2.0869047443254575e+30 layouts.

For 27 monsters and 5 treasures, there are 2.8799285471691315e+31 layouts.

For 27 monsters and 6 treasures, there are 3.2639190201250156e+32 layouts.

For 27 monsters and 7 treasures, there are 3.124036776405372e+33 layouts.

For 27 monsters and 8 treasures, there are 2.577330340534432e+34 layouts.

For 27 monsters and 9 treasures, there are 1.861405245941534e+35 layouts.

For 27 monsters and 10 treasures, there are 1.1912993574025818e+36 layouts.

For 27 monsters and 11 treasures, there are 6.822896319669333e+36 layouts.

For 27 monsters and 12 treasures, there are 3.525163098495822e+37 layouts.

For 27 monsters and 13 treasures, there are 1.6541149923711163e+38 layouts.

For 27 monsters and 14 treasures, there are 7.08906425301907e+38 layouts.

For 27 monsters and 15 treasures, there are 2.788365272854168e+39 layouts.

For 27 monsters and 16 treasures, there are 1.010782411409636e+40 layouts.

For 27 monsters and 17 treasures, there are 3.3890939676676025e+40 layouts.

For 27 monsters and 18 treasures, there are 1.054384789941032e+41 layouts.

For 27 monsters and 19 treasures, there are 3.052166497197724e+41 layouts.

For 27 monsters and 20 treasures, there are 8.240849542433854e+41 layouts.

For 27 monsters and 21 treasures, there are 2.0798334559475916e+42 layouts.

For 27 monsters and 22 treasures, there are 4.9159699867852166e+42 layouts.

For 27 monsters and 23 treasures, there are 1.0900629101132437e+43 layouts.

For 27 monsters and 24 treasures, there are 2.2709643960692584e+43 layouts.

For 27 monsters and 25 treasures, there are 4.4510902162957457e+43 layouts.

For 27 monsters and 26 treasures, there are 8.217397322392146e+43 layouts.

For 27 monsters and 27 treasures, there are 1.430435830194188e+44 layouts.

For 27 monsters and 28 treasures, there are 2.3500017210333095e+44 layouts.

For 27 monsters and 29 treasures, there are 3.646554394706859e+44 layouts.

For 27 monsters and 30 treasures, there are  $5.348279778903393e+44$  layouts.

For 27 monsters and 31 treasures, there are  $7.418581628801482e+44$  layouts.

For 27 monsters and 32 treasures, there are  $9.736888387801944e+44$  layouts.

For 27 monsters and 33 treasures, there are  $1.2097346178784235e+45$  layouts.

For 27 monsters and 34 treasures, there are  $1.4232171975040274e+45$  layouts.

For 27 monsters and 35 treasures, there are  $1.5858705915044876e+45$  layouts.

For 27 monsters and 36 treasures, there are  $1.6739745132547367e+45$  layouts.

For 28 monsters and 1 treasures, there are  $3.599145865465003e+26$  layouts.

For 28 monsters and 2 treasures, there are  $1.277696782240076e+28$  layouts.

For 28 monsters and 3 treasures, there are  $2.9812924918935112e+29$  layouts.

For 28 monsters and 4 treasures, there are  $5.142729548516306e+30$  layouts.

For 28 monsters and 5 treasures, there are  $6.994112185982176e+31$  layouts.

For 28 monsters and 6 treasures, there are  $7.81009194101343e+32$  layouts.

For 28 monsters and 7 treasures, there are  $7.363800972955518e+33$  layouts.

For 28 monsters and 8 treasures, there are  $5.98308829052636e+34$  layouts.

For 28 monsters and 9 treasures, there are  $4.254640562152078e+35$  layouts.

For 28 monsters and 10 treasures, there are  $2.680423554155809e+36$  layouts.

For 28 monsters and 11 treasures, there are  $1.5107841850696378e+37$  layouts.

For 28 monsters and 12 treasures, there are  $7.679819607437326e+37$  layouts.

For 28 monsters and 13 treasures, there are  $3.544532126509535e+38$  layouts.

For 28 monsters and 14 treasures, there are  $1.4937671104575898e+39$  layouts.

For 28 monsters and 15 treasures, there are  $5.775899493769347e+39$  layouts.

For 28 monsters and 16 treasures, there are 2.0576641946553297e+40 layouts.

For 28 monsters and 17 treasures, there are 6.778187935335205e+40 layouts.

For 28 monsters and 18 treasures, there are 2.0711129802413126e+41 layouts.

For 28 monsters and 19 treasures, there are 5.886321101738467e+41 layouts.

For 28 monsters and 20 treasures, there are 1.559875091960694e+42 layouts.

For 28 monsters and 21 treasures, there are 3.8625478467598135e+42 layouts.

For 28 monsters and 22 treasures, there are 8.954088190215932e+42 layouts.

For 28 monsters and 23 treasures, there are 1.9465409109165064e+43 layouts.

For 28 monsters and 24 treasures, there are 3.974187693121201e+43 layouts.

For 28 monsters and 25 treasures, there are 7.630440370792706e+43 layouts.

For 28 monsters and 26 treasures, there are 1.3793488362586813e+44 layouts.

For 28 monsters and 27 treasures, there are 2.3500017210333095e+44 layouts.

For 28 monsters and 28 treasures, there are 3.776788480232104e+44 layouts.

For 28 monsters and 29 treasures, there are 5.730299763110778e+44 layouts.

For 28 monsters and 30 treasures, there are 8.213429660458782e+44 layouts.

For 28 monsters and 31 treasures, there are 1.1127872443202221e+45 layouts.

For 28 monsters and 32 treasures, there are 1.4257586567852848e+45 layouts.

For 28 monsters and 33 treasures, there are 1.7281923112548905e+45 layouts.

For 28 monsters and 34 treasures, there are 1.9823382393806096e+45 layouts.

For 28 monsters and 35 treasures, there are 2.152252945613233e+45 layouts.

For 28 monsters and 36 treasures, there are 2.2120377496580447e+45 layouts.

For 29 monsters and 1 treasures, there are  $8.811701946483283e+26$  layouts.

For 29 monsters and 2 treasures, there are  $3.0840956812691496e+28$  layouts.

For 29 monsters and 3 treasures, there are  $7.093420066919043e+29$  layouts.

For 29 monsters and 4 treasures, there are  $1.2058814113762372e+31$  layouts.

For 29 monsters and 5 treasures, there are  $1.615881091244158e+32$  layouts.

For 29 monsters and 6 treasures, there are  $1.7774692003685737e+33$  layouts.

For 29 monsters and 7 treasures, there are  $1.6505071146279616e+34$  layouts.

For 29 monsters and 8 treasures, there are  $1.3204056917023693e+35$  layouts.

For 29 monsters and 9 treasures, there are  $9.242839841916583e+35$  layouts.

For 29 monsters and 10 treasures, there are  $5.730560701988282e+36$  layouts.

For 29 monsters and 11 treasures, there are  $3.1778563892844107e+37$  layouts.

For 29 monsters and 12 treasures, there are  $1.5889281946422053e+38$  layouts.

For 29 monsters and 13 treasures, there are  $7.211289498760778e+38$  layouts.

For 29 monsters and 14 treasures, there are  $2.98753422091518e+39$  layouts.

For 29 monsters and 15 treasures, there are  $1.1352630039477682e+40$  layouts.

For 29 monsters and 16 treasures, there are  $3.973420513817189e+40$  layouts.

For 29 monsters and 17 treasures, there are  $1.2855184015290909e+41$  layouts.

For 29 monsters and 18 treasures, there are  $3.8565552045872715e+41$  layouts.

For 29 monsters and 19 treasures, there are  $1.0757759254901336e+42$  layouts.

For 29 monsters and 20 treasures, there are  $2.7970174062743475e+42$  layouts.

For 29 monsters and 21 treasures, there are  $6.792756558094844e+42$  layouts.

For 29 monsters and 22 treasures, there are 1.5438083086579194e+43 layouts.

For 29 monsters and 23 treasures, there are 3.288982918445132e+43 layouts.

For 29 monsters and 24 treasures, there are 6.577965836890264e+43 layouts.

For 29 monsters and 25 treasures, there are 1.2366575773353695e+44 layouts.

For 29 monsters and 26 treasures, there are 2.1879326368241153e+44 layouts.

For 29 monsters and 27 treasures, there are 3.646554394706859e+44 layouts.

For 29 monsters and 28 treasures, there are 5.730299763110778e+44 layouts.

For 29 monsters and 29 treasures, there are 8.496651372888396e+44 layouts.

For 29 monsters and 30 treasures, there are 1.1895311922043755e+45 layouts.

For 29 monsters and 31 treasures, there are 1.5732509316251418e+45 layouts.

For 29 monsters and 32 treasures, there are 1.9665636645314274e+45 layouts.

For 29 monsters and 33 treasures, there are 2.3241206944462318e+45 layouts.

For 29 monsters and 34 treasures, there are 2.59754665849873e+45 layouts.

For 29 monsters and 35 treasures, there are 2.7459778961272285e+45 layouts.

For 29 monsters and 36 treasures, there are 2.7459778961272285e+45 layouts.

For 30 monsters and 1 treasures, there are 2.056063787512766e+27 layouts.

For 30 monsters and 2 treasures, there are 7.093420066919043e+28 layouts.

For 30 monsters and 3 treasures, there are 1.607841881834983e+30 layouts.

For 30 monsters and 4 treasures, there are 2.6931351520735963e+31 layouts.

For 30 monsters and 5 treasures, there are 3.554938400737147e+32 layouts.

For 30 monsters and 6 treasures, there are 3.851183267465243e+33 layouts.



For 30 monsters and 7 treasures, there are 3.5210818445396516e+34 layouts.

For 30 monsters and 8 treasures, there are 2.7728519525749754e+35 layouts.

For 30 monsters and 9 treasures, there are 1.9101869006627606e+36 layouts.

For 30 monsters and 10 treasures, there are 1.165214009404284e+37 layouts.

For 30 monsters and 11 treasures, there are 6.355712778568821e+37 layouts.

For 30 monsters and 12 treasures, there are 3.1248921161296706e+38 layouts.

For 30 monsters and 13 treasures, there are 1.3941826364270838e+39 layouts.

For 30 monsters and 14 treasures, there are 5.676315019738841e+39 layouts.

For 30 monsters and 15 treasures, there are 2.1191576073691674e+40 layouts.

For 30 monsters and 16 treasures, there are 7.2846042753315135e+40 layouts.

For 30 monsters and 17 treasures, there are 2.313933122752363e+41 layouts.

For 30 monsters and 18 treasures, there are 6.81324752810418e+41 layouts.

For 30 monsters and 19 treasures, there are 1.864678270849565e+42 layouts.

For 30 monsters and 20 treasures, there are 4.754929590666391e+42 layouts.

For 30 monsters and 21 treasures, there are 1.1321260930158073e+43 layouts.

For 30 monsters and 22 treasures, there are 2.5215535708079345e+43 layouts.

For 30 monsters and 23 treasures, there are 5.262372669512211e+43 layouts.

For 30 monsters and 24 treasures, there are 1.030547981112808e+44 layouts.

For 30 monsters and 25 treasures, there are 1.896208285247567e+44 layouts.

For 30 monsters and 26 treasures, there are 3.2818989552361726e+44 layouts.

For 30 monsters and 27 treasures, there are 5.348279778903393e+44 layouts.

For 30 monsters and 28 treasures, there are 8.213429660458782e+44 layouts.

For 30 monsters and 29 treasures, there are 1.1895311922043755e+45 layouts.

For 30 monsters and 30 treasures, there are 1.6256926293459796e+45 layouts.

For 30 monsters and 31 treasures, there are 2.0976679088335226e+45 layouts.

For 30 monsters and 32 treasures, there are 2.5565327638908555e+45 layouts.

For 30 monsters and 33 treasures, there are 2.943886212965228e+45 layouts.

For 30 monsters and 34 treasures, there are 3.203640878815099e+45 layouts.

For 30 monsters and 35 treasures, there are 3.295173475352674e+45 layouts.

For 30 monsters and 36 treasures, there are 3.203640878815099e+45 layouts.

For 31 monsters and 1 treasures, there are 4.5764000431735766e+27 layouts.

For 31 monsters and 2 treasures, there are 1.555976014679016e+29 layouts.

For 31 monsters and 3 treasures, there are 3.475013099449802e+30 layouts.

For 31 monsters and 4 treasures, there are 5.733771614092173e+31 layouts.

For 31 monsters and 5 treasures, there are 7.453903098319826e+32 layouts.

For 31 monsters and 6 treasures, there are 7.950829971541148e+33 layouts.

For 31 monsters and 7 treasures, there are 7.155746974387032e+34 layouts.

For 31 monsters and 8 treasures, there are 5.545703905149951e+35 layouts.

For 31 monsters and 9 treasures, there are 3.758754869046078e+36 layouts.

For 31 monsters and 10 treasures, there are 2.2552529214276464e+37 layouts.

For 31 monsters and 11 treasures, there are 1.2096356578566469e+38 layouts.

For 31 monsters and 12 treasures, there are 5.846572346307127e+38 layouts.

For 31 monsters and 13 treasures, there are 2.5634971056885088e+39 layouts.

For 31 monsters and 14 treasures, there are 1.0253988422754035e+40 layouts.

For 31 monsters and 15 treasures, there are 3.7597957550098136e+40 layouts.

For 31 monsters and 16 treasures, there are 1.268931067315812e+41 layouts.

For 31 monsters and 17 treasures, there are 3.956079209866943e+41 layouts.

For 31 monsters and 18 treasures, there are 1.1428673272948949e+42 layouts.

For 31 monsters and 19 treasures, there are 3.0676965101073496e+42 layouts.

For 31 monsters and 20 treasures, there are 7.669241275268373e+42 layouts.

For 31 monsters and 21 treasures, there are 1.7894896308959536e+43 layouts.

For 31 monsters and 22 treasures, there are 3.9043410128638995e+43 layouts.

For 31 monsters and 23 treasures, there are 7.978435982808836e+43 layouts.

For 31 monsters and 24 treasures, there are 1.5292002300383606e+44 layouts.

For 31 monsters and 25 treasures, there are 2.7525604140690487e+44 layouts.

For 31 monsters and 26 treasures, there are 4.6581791622706975e+44 layouts.

For 31 monsters and 27 treasures, there are 7.418581628801482e+44 layouts.

For 31 monsters and 28 treasures, there are 1.1127872443202221e+45 layouts.

For 31 monsters and 29 treasures, there are 1.5732509316251418e+45 layouts.

For 31 monsters and 30 treasures, there are 2.0976679088335226e+45 layouts.

For 31 monsters and 31 treasures, there are 2.6390015627260442e+45 layouts.

For 31 monsters and 32 treasures, there are 3.133814355737178e+45 layouts.

For 31 monsters and 33 treasures, there are 3.513670641281078e+45 layouts.

For 31 monsters and 34 treasures, there are  $3.7203571495917295e+45$  layouts.

For 31 monsters and 35 treasures, there are  $3.7203571495917295e+45$  layouts.

For 31 monsters and 36 treasures, there are  $3.513670641281078e+45$  layouts.

For 32 monsters and 1 treasures, there are  $9.72485009174385e+27$  layouts.

For 32 monsters and 2 treasures, there are  $3.2578247807341894e+29$  layouts.

For 32 monsters and 3 treasures, there are  $7.167214517615216e+30$  layouts.

For 32 monsters and 4 treasures, there are  $1.1646723591124728e+32$  layouts.

For 32 monsters and 5 treasures, there are  $1.490780619663965e+33$  layouts.

For 32 monsters and 6 treasures, there are  $1.5653196506471633e+34$  layouts.

For 32 monsters and 7 treasures, there are  $1.3864259762874877e+35$  layouts.

For 32 monsters and 8 treasures, there are  $1.0571498069192093e+36$  layouts.

For 32 monsters and 9 treasures, there are  $7.047665379461395e+36$  layouts.

For 32 monsters and 10 treasures, there are  $4.1581225738822233e+37$  layouts.

For 32 monsters and 11 treasures, there are  $2.1924646298651727e+38$  layouts.

For 32 monsters and 12 treasures, there are  $1.041420699185957e+39$  layouts.

For 32 monsters and 13 treasures, there are  $4.4861199349548905e+39$  layouts.

For 32 monsters and 14 treasures, there are  $1.76240426016085e+40$  layouts.

For 32 monsters and 15 treasures, there are  $6.34465533657906e+40$  layouts.

For 32 monsters and 16 treasures, there are  $2.101667080241814e+41$  layouts.

For 32 monsters and 17 treasures, there are  $6.428628716033783e+41$  layouts.

For 32 monsters and 18 treasures, there are  $1.8214448028762388e+42$  layouts.

For 32 monsters and 19 treasures, there are  $4.793275797042733e+42$

layouts.

For 32 monsters and 20 treasures, there are  $1.1743525702754697e+43$  layouts.

For 32 monsters and 21 treasures, there are  $2.68423444634393e+43$  layouts.

For 32 monsters and 22 treasures, there are  $5.734500862643851e+43$  layouts.

For 32 monsters and 23 treasures, there are  $1.1469001725287702e+44$  layouts.

For 32 monsters and 24 treasures, there are  $2.1504378234914447e+44$  layouts.

For 32 monsters and 25 treasures, there are  $3.784770569344942e+44$  layouts.

For 32 monsters and 26 treasures, there are  $6.2594282493012495e+44$  layouts.

For 32 monsters and 27 treasures, there are  $9.736888387801944e+44$  layouts.

For 32 monsters and 28 treasures, there are  $1.4257586567852848e+45$  layouts.

For 32 monsters and 29 treasures, there are  $1.9665636645314274e+45$  layouts.

For 32 monsters and 30 treasures, there are  $2.5565327638908555e+45$  layouts.

For 32 monsters and 31 treasures, there are  $3.133814355737178e+45$  layouts.

For 32 monsters and 32 treasures, there are  $3.623472848821111e+45$  layouts.

For 32 monsters and 33 treasures, there are  $3.9528794714412124e+45$  layouts.

For 32 monsters and 34 treasures, there are  $4.0691406323659535e+45$  layouts.

For 32 monsters and 35 treasures, there are  $3.9528794714412124e+45$  layouts.

For 32 monsters and 36 treasures, there are  $3.6234728488211115e+45$  layouts.

For 33 monsters and 1 treasures, there are  $1.9744392610510241e+28$  layouts.

For 33 monsters and 2 treasures, there are  $6.515649561468379e+29$  layouts.

For 33 monsters and 3 treasures, there are  $1.4117240716514822e+31$  layouts.

For 33 monsters and 4 treasures, there are  $2.2587585146423715e+32$

layouts.

For 33 monsters and 5 treasures, there are  $2.8460357284493877e+33$  layouts.

For 33 monsters and 6 treasures, there are  $2.940903586064367e+34$  layouts.

For 33 monsters and 7 treasures, there are  $2.5627874107132353e+35$  layouts.

For 33 monsters and 8 treasures, there are  $1.922090558034926e+36$  layouts.

For 33 monsters and 9 treasures, there are  $1.2600371436006738e+37$  layouts.

For 33 monsters and 10 treasures, there are  $7.308215432883908e+37$  layouts.

For 33 monsters and 11 treasures, there are  $3.786984360676207e+38$  layouts.

For 33 monsters and 12 treasures, there are  $1.7672593683155628e+39$  layouts.

For 33 monsters and 13 treasures, there are  $7.476866558258152e+39$  layouts.

For 33 monsters and 14 treasures, there are  $2.8839342438995726e+40$  layouts.

For 33 monsters and 15 treasures, there are  $1.0189900995111825e+41$  layouts.

For 33 monsters and 16 treasures, there are  $3.3117178234113432e+41$  layouts.

For 33 monsters and 17 treasures, there are  $9.935153470234028e+41$  layouts.

For 33 monsters and 18 treasures, there are  $2.7597648528427854e+42$  layouts.

For 33 monsters and 19 treasures, there are  $7.117288304699816e+42$  layouts.

For 33 monsters and 20 treasures, there are  $1.7081491931279558e+43$  layouts.

For 33 monsters and 21 treasures, there are  $3.8230005750959005e+43$  layouts.

For 33 monsters and 22 treasures, there are  $7.993546657018702e+43$  layouts.

For 33 monsters and 23 treasures, there are  $1.5639547807210504e+44$  layouts.

For 33 monsters and 24 treasures, there are  $2.8672504313219262e+44$  layouts.

For 33 monsters and 25 treasures, there are  $4.931670741873712e+44$

layouts.

For 33 monsters and 26 treasures, there are  $7.966545044565228e+44$  layouts.

For 33 monsters and 27 treasures, there are  $1.2097346178784235e+45$  layouts.

For 33 monsters and 28 treasures, there are  $1.7281923112548905e+45$  layouts.

For 33 monsters and 29 treasures, there are  $2.3241206944462318e+45$  layouts.

For 33 monsters and 30 treasures, there are  $2.943886212965228e+45$  layouts.

For 33 monsters and 31 treasures, there are  $3.513670641281078e+45$  layouts.

For 33 monsters and 32 treasures, there are  $3.9528794714412124e+45$  layouts.

For 33 monsters and 33 treasures, there are  $4.192447924255832e+45$  layouts.

For 33 monsters and 34 treasures, there are  $4.192447924255832e+45$  layouts.

For 33 monsters and 35 treasures, there are  $3.952879471441213e+45$  layouts.

For 33 monsters and 36 treasures, there are  $3.513670641281078e+45$  layouts.

For 34 monsters and 1 treasures, there are  $3.8327350361578694e+28$  layouts.

For 34 monsters and 2 treasures, there are  $1.2456388867513077e+30$  layouts.

For 34 monsters and 3 treasures, there are  $2.65736295840279e+31$  layouts.

For 34 monsters and 4 treasures, there are  $4.185346659484394e+32$  layouts.

For 34 monsters and 5 treasures, there are  $5.1898298577606476e+33$  layouts.

For 34 monsters and 6 treasures, there are  $5.27632702205666e+34$  layouts.

For 34 monsters and 7 treasures, there are  $4.522566018905708e+35$  layouts.

For 34 monsters and 8 treasures, there are  $3.3353924389429595e+36$  layouts.

For 34 monsters and 9 treasures, there are  $2.149475127318796e+37$  layouts.

For 34 monsters and 10 treasures, there are  $1.2252008225717136e+38$  layouts.

For 34 monsters and 11 treasures, there are  $6.237386005819634e+38$

layouts.

For 34 monsters and 12 treasures, there are  $2.858801919333999e+39$  layouts.

For 34 monsters and 13 treasures, there are  $1.1875023357233534e+40$  layouts.

For 34 monsters and 14 treasures, there are  $4.495544556666981e+40$  layouts.

For 34 monsters and 15 treasures, there are  $1.55845544631122e+41$  layouts.

For 34 monsters and 16 treasures, there are  $4.967576735117014e+41$  layouts.

For 34 monsters and 17 treasures, there are  $1.461051980916769e+42$  layouts.

For 34 monsters and 18 treasures, there are  $3.9773081702734264e+42$  layouts.

For 34 monsters and 19 treasures, there are  $1.0047936430164445e+43$  layouts.

For 34 monsters and 20 treasures, there are  $2.3612650610886446e+43$  layouts.

For 34 monsters and 21 treasures, there are  $5.172294895717984e+43$  layouts.

For 34 monsters and 22 treasures, there are  $1.057969410487769e+44$  layouts.

For 34 monsters and 23 treasures, there are  $2.023941480933124e+44$  layouts.

For 34 monsters and 24 treasures, there are  $3.626228486671847e+44$  layouts.

For 34 monsters and 25 treasures, there are  $6.092063857608702e+44$  layouts.

For 34 monsters and 26 treasures, there are  $9.606716083152186e+44$  layouts.

For 34 monsters and 27 treasures, there are  $1.4232171975040274e+45$  layouts.

For 34 monsters and 28 treasures, there are  $1.9823382393806096e+45$  layouts.

For 34 monsters and 29 treasures, there are  $2.59754665849873e+45$  layouts.

For 34 monsters and 30 treasures, there are  $3.203640878815099e+45$  layouts.

For 34 monsters and 31 treasures, there are  $3.7203571495917295e+45$  layouts.

For 34 monsters and 32 treasures, there are  $4.0691406323659535e+45$



layouts.

For 34 monsters and 33 treasures, there are  $4.192447924255832e+45$  layouts.

For 34 monsters and 34 treasures, there are  $4.0691406323659535e+45$  layouts.

For 34 monsters and 35 treasures, there are  $3.7203571495917295e+45$  layouts.

For 34 monsters and 36 treasures, there are  $3.2036408788151e+45$  layouts.

For 35 monsters and 1 treasures, there are  $7.117936495721758e+28$  layouts.

For 35 monsters and 2 treasures, there are  $2.2777396786309626e+30$  layouts.

For 35 monsters and 3 treasures, there are  $4.783253325125021e+31$  layouts.

For 35 monsters and 4 treasures, there are  $7.414042653943782e+32$  layouts.

For 35 monsters and 5 treasures, there are  $9.045132037811417e+33$  layouts.

For 35 monsters and 6 treasures, there are  $9.045132037811415e+34$  layouts.

For 35 monsters and 7 treasures, there are  $7.623754146155337e+35$  layouts.

For 35 monsters and 8 treasures, there are  $5.527221755962619e+36$  layouts.

For 35 monsters and 9 treasures, there are  $3.5005737787763253e+37$  layouts.

For 35 monsters and 10 treasures, there are  $1.960321316114742e+38$  layouts.

For 35 monsters and 11 treasures, there are  $9.80160658057371e+38$  layouts.

For 35 monsters and 12 treasures, there are  $4.41072296125817e+39$  layouts.

For 35 monsters and 13 treasures, there are  $1.7982178226667924e+40$  layouts.

For 35 monsters and 14 treasures, there are  $6.679094769905229e+40$  layouts.

For 35 monsters and 15 treasures, there are  $2.270892221767778e+41$  layouts.

For 35 monsters and 16 treasures, there are  $7.096538193024306e+41$  layouts.

For 35 monsters and 17 treasures, there are  $2.0454727732834764e+42$  layouts.

For 35 monsters and 18 treasures, there are 5.4545940620892695e+42 layouts.

For 35 monsters and 19 treasures, there are 1.3492943206220824e+43 layouts.

For 35 monsters and 20 treasures, there are 3.10337693743079e+43 layouts.

For 35 monsters and 21 treasures, there are 6.650093437351692e+43 layouts.

For 35 monsters and 22 treasures, there are 1.3300186874703386e+44 layouts.

For 35 monsters and 23 treasures, there are 2.4865566765749804e+44 layouts.

For 35 monsters and 24 treasures, there are 4.351474184006216e+44 layouts.

For 35 monsters and 25 treasures, there are 7.136417661770195e+44 layouts.

For 35 monsters and 26 treasures, there are 1.0979104095031067e+45 layouts.

For 35 monsters and 27 treasures, there are 1.5858705915044876e+45 layouts.

For 35 monsters and 28 treasures, there are 2.152252945613233e+45 layouts.

For 35 monsters and 29 treasures, there are 2.7459778961272285e+45 layouts.

For 35 monsters and 30 treasures, there are 3.295173475352674e+45 layouts.

For 35 monsters and 31 treasures, there are 3.7203571495917295e+45 layouts.

For 35 monsters and 32 treasures, there are 3.9528794714412124e+45 layouts.

For 35 monsters and 33 treasures, there are 3.952879471441213e+45 layouts.

For 35 monsters and 34 treasures, there are 3.7203571495917295e+45 layouts.

For 35 monsters and 35 treasures, there are 3.295173475352674e+45 layouts.

For 35 monsters and 36 treasures, there are 2.7459778961272285e+45 layouts.

For 36 monsters and 1 treasures, there are 1.265410932572757e+29 layouts.

For 36 monsters and 2 treasures, there are 3.986044437604184e+30 layouts.

For 36 monsters and 3 treasures, there are  $8.237825171048648e+31$  layouts.

For 36 monsters and 4 treasures, there are  $1.256268338584919e+33$  layouts.

For 36 monsters and 5 treasures, there are  $1.5075220063019027e+34$  layouts.

For 36 monsters and 6 treasures, there are  $1.4823966395302042e+35$  layouts.

For 36 monsters and 7 treasures, there are  $1.2282715013250265e+36$  layouts.

For 36 monsters and 8 treasures, there are  $8.751434446940813e+36$  layouts.

For 36 monsters and 9 treasures, there are  $5.445336989207616e+37$  layouts.

For 36 monsters and 10 treasures, there are  $2.9949353440641892e+38$  layouts.

For 36 monsters and 11 treasures, there are  $1.4702409870860568e+39$  layouts.

For 36 monsters and 12 treasures, there are  $6.493564359630083e+39$  layouts.

For 36 monsters and 13 treasures, there are  $2.597425743852033e+40$  layouts.

For 36 monsters and 14 treasures, there are  $9.462050924032406e+40$  layouts.

For 36 monsters and 15 treasures, there are  $3.1540169746774692e+41$  layouts.

For 36 monsters and 16 treasures, there are  $9.659176984949748e+41$  layouts.

For 36 monsters and 17 treasures, there are  $2.7272970310446347e+42$  layouts.

For 36 monsters and 18 treasures, there are  $7.12127558106099e+42$  layouts.

For 36 monsters and 19 treasures, there are  $1.7240982985726611e+43$  layouts.

For 36 monsters and 20 treasures, there are  $3.879221171788487e+43$  layouts.

For 36 monsters and 21 treasures, there are  $8.127891978985403e+43$  layouts.

For 36 monsters and 22 treasures, there are  $1.5886334322562375e+44$  layouts.

For 36 monsters and 23 treasures, there are  $2.9009827893374777e+44$  layouts.

For 36 monsters and 24 treasures, there are 4.955845598451524e+44 layouts.

For 36 monsters and 25 treasures, there are 7.929352957522438e+44 layouts.

For 36 monsters and 26 treasures, there are 1.1894029436283658e+45 layouts.

For 36 monsters and 27 treasures, there are 1.6739745132547367e+45 layouts.

For 36 monsters and 28 treasures, there are 2.2120377496580447e+45 layouts.

For 36 monsters and 29 treasures, there are 2.7459778961272285e+45 layouts.

For 36 monsters and 30 treasures, there are 3.203640878815099e+45 layouts.

For 36 monsters and 31 treasures, there are 3.513670641281078e+45 layouts.

For 36 monsters and 32 treasures, there are 3.6234728488211115e+45 layouts.

For 36 monsters and 33 treasures, there are 3.513670641281078e+45 layouts.

For 36 monsters and 34 treasures, there are 3.2036408788151e+45 layouts.

For 36 monsters and 35 treasures, there are 2.7459778961272285e+45 layouts.

For 36 monsters and 36 treasures, there are 2.2120377496580453e+45 layouts.

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There are 2.6697559589738695e+47 total layouts possible.