Pyramid: Rules

How to solve

- Multiplication and Division: Solve the problems from top to bottom. Each problem has one more digit than the one before.
- Sums: Start with the column on the left. Write its answer in the top box of the column to its right (1)–(6), and include it when you add up that column. Write the answer to the last column in "Answer (7)".

Playing the game

1. Form groups of 2 to 6 players, and give each player one Lv. 1 set.
2. Set a time limit (3 minutes is recommended), and everyone starts at the same time.
3. When time is up, check the answers and count how many are correct.
4. The player with the most correct answers moves up one Lv. in the next round. Everyone else plays the same Lv. again.
5. Play several rounds. The player at the highest Lv. at the end wins.

Variations

- Compare how many problems each player gets right in a row, starting from the first one. This builds accuracy.
- Score 2 points for each problem solved by mental calculation and 1 point for each solved on the abacus. This makes it mental calculation practice.

Pyramid Lv. 7

Lv. 7-1

1	5,381,262 ÷ 1,362 =
2	73,253,052 ÷ 1,602 =
3	1,873,697,280 ÷ 46,592 =
4	9,364,241,816 ÷ 57,308 =
5	238,971,624,320 ÷ 406,835 =
6	1,209,654,973,875 ÷ 319,875 =
7	5,825,939,721,534 ÷ 2,340,578 =
8	128,975,804,693,668 ÷ 1,542,839 =
9	2,802,357,589,802,125 ÷ 72,803,495 =
10	13,552,575,888,500,730 ÷ 36,490,218 =

Pyramid Lv. 7

Lv. 7-2

1	7,093,530 ÷ 4,035 =
2	25,938,324 ÷ 2,374 =
3	1,458,931,176 ÷ 41,796 =
4	19,834,727,588 ÷ 40,391 =
5	157,014,437,481 ÷ 603,579 =
6	7,761,519,071,482 ÷ 829,541 =
7	29,805,338,625,125 ÷ 3,094,127 =
8	209,793,593,029,111 ÷ 5,608,421 =
9	1,990,352,084,554,794 ÷ 26,503,174 =
10	10,747,558,404,037,260 ÷ 29,374,615 =

Pyramid Lv. 7

Lv. 7-3

1	5,448,961 ÷ 3,257 =
2	459,854,917 ÷ 8,039 =
3	999,316,233 ÷ 10,623 =
4	7,122,168,375 ÷ 48,657 =
5	45,904,536,614 ÷ 148,327 =
6	4,402,283,014,164 ÷ 456,187 =
7	6,990,583,087,312 ÷ 1,892,056 =
8	333,780,915,562,938 ÷ 6,423,751 =
9	500,310,179,355,012 ÷ 10,465,932 =
10	36,468,440,768,191,488 ÷ 62,758,304 =

Pyramid Lv. 7

Lv. 7-4

1	52,204,005 ÷ 8,045 =
2	185,767,359 ÷ 8,507 =
3	7,018,790,108 ÷ 86,042 =
4	10,555,923,566 ÷ 65,794 =
5	157,505,505,905 ÷ 506,473 =
6	7,700,739,858,933 ÷ 892,617 =
7	46,956,364,097,316 ÷ 6,012,859 =
8	184,891,981,439,757 ÷ 8,569,173 =
9	3,628,903,583,606,895 ÷ 41,687,953 =
10	27,921,386,655,642,507 ÷ 75,841,923 =

Answers Pyramid

Pyramid Lv. 7

	Lv. 7-1	Lv. 7-2	Lv. 7-3	Lv. 7-4
1	3,951	1,758	1,673	6,489
2	45,726	10,926	57,203	21,837
3	40,215	34,906	94,071	81,574
4	163,402	491,068	146,375	160,439
5	587,392	260,139	309,482	310,985
6	3,781,649	9,356,402	9,650,172	8,627,149
7	2,489,103	9,632,875	3,694,702	7,809,324
8	83,596,412	37,406,891	51,960,438	21,576,409
9	38,492,075	75,098,631	47,803,691	87,049,215
10	371,402,985	365,879,124	581,093,472	368,152,409