

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. 6		Lv. 6-1
1	$5,069 \times 296 =$	
2	$4,716 \times 8,195 =$	
3	$62,574 \times 1,684 =$	
4	$21,498 \times 12,073 =$	
5	$682,134 \times 85,376 =$	
6	$749,862 \times 137,682 =$	
7	$1,243,758 \times 265,184 =$	
8	$2,945,716 \times 5,683,417 =$	
9	$51,042,869 \times 1,420,385 =$	
10	$25,178,309 \times 58,602,349 =$	

Pyramid Lv. 6		Lv. 6-2
1	$9,305 \times 473 =$	
2	$8,203 \times 5,278 =$	
3	$78,104 \times 7,264 =$	
4	$64,127 \times 23,457 =$	
5	$520,691 \times 86,743 =$	
6	$456,718 \times 173,284 =$	
7	$4,598,127 \times 734,921 =$	
8	$6,310,849 \times 9,230,675 =$	
9	$13,492,807 \times 4,685,971 =$	
10	$51,834,629 \times 81,520,379 =$	

Pyramid Lv. 6		Lv. 6-3
1	$6,175 \times 614 =$	
2	$4,706 \times 4,197 =$	
3	$29,781 \times 5,047 =$	
4	$70,354 \times 52,378 =$	
5	$852,769 \times 93,618 =$	
6	$724,689 \times 587,214 =$	
7	$4,825,793 \times 360,215 =$	
8	$1,524,387 \times 5,270,649 =$	
9	$65,201,843 \times 4,958,617 =$	
10	$10,945,832 \times 21,756,489 =$	

Pyramid Lv. 6		Lv. 6-4
1	$2,906 \times 782 =$	
2	$4,023 \times 6,904 =$	
3	$26,814 \times 9,304 =$	
4	$27,364 \times 84,709 =$	
5	$790,632 \times 72,906 =$	
6	$630,174 \times 710,623 =$	
7	$4,852,106 \times 214,579 =$	
8	$5,819,742 \times 3,502,918 =$	
9	$52,348,197 \times 8,374,951 =$	
10	$91,206,374 \times 85,760,349 =$	

Answers Pyramid

Pyramid Lv. 6

	Lv. 6-1	Lv. 6-2	Lv. 6-3	Lv. 6-4
1	1,500,424	4,401,265	3,791,450	2,272,492
2	38,647,620	43,295,434	19,751,082	27,774,792
3	105,374,616	567,347,456	150,304,707	249,477,456
4	259,545,354	1,504,227,039	3,685,001,812	2,317,977,076
5	58,237,872,384	45,166,299,413	79,834,528,242	57,641,816,592
6	103,242,499,884	79,141,921,912	425,547,526,446	447,816,138,402
7	329,824,721,472	3,379,260,092,967	1,738,323,025,495	1,041,160,053,374
8	16,741,732,391,572	58,253,396,093,075	8,034,508,817,163	20,386,079,007,156
9	72,500,525,484,565	63,226,902,310,597	323,310,967,131,131	438,413,584,813,347
10	1,475,508,051,247,841	4,225,578,601,404,391	238,142,873,503,848	7,821,890,465,264,526