

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. 1							(6)
Lv. 1-1						(5)	
					(4)		
				(3)			
			(2)				
		(1)					
5	45	937	4,503	67,581	174,950	-1,589,726	
2	23	601	3,249	37,695	-342,076	5,923,760	
1	97	375	1,378	13,269	781,290	-3,048,269	
Answer (7)							

Pyramid Lv. 1							(6)
Lv. 1-2						(5)	
					(4)		
				(3)			
			(2)				
		(1)					
4	40	824	6,152	89,531	712,384	-7,629,840	
6	63	716	8,269	80,416	968,375	4,736,051	
9	82	495	4,037	63,471	720,536	2,815,467	
Answer (7)							

Pyramid Lv. 1							(6)
Lv. 1-3						(5)	
					(4)		
				(3)			
			(2)				
		(1)					
6	82	792	5,341	13,706	728,513	2,640,895	
1	49	413	9,678	12,867	432,691	7,564,312	
7	15	901	6,745	39,274	-856,792	-6,281,037	
Answer (7)							

Pyramid Lv. 1							(6)
Lv. 1-4						(5)	
					(4)		
				(3)			
			(2)				
		(1)					
6	49	549	9,621	93,546	-719,863	8,197,256	
3	53	627	5,430	43,217	451,062	-3,564,702	
8	18	105	7,394	59,704	285,709	9,310,624	
Answer (7)							

Answers Pyramid

Pyramid Lv. 1

	Lv. 1-1	Lv. 1-2	Lv. 1-3	Lv. 1-4
(1)	8	19	14	17
(2)	173	204	160	137
(3)	2,866	2,970	2,814	1,716
(4)	24,569	32,309	35,277	35,513
(5)	337,664	368,415	313,677	353,141
(6)	1,735,471	3,048,606	2,720,427	1,566,732
(7)	10,587,069	15,569,307	11,635,392	22,841,573