

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)					
8	68	469	4,360	31,498	-278,104	8,604,912	
4	71	283	1,483	13,679	751,689	-9,503,467	
1	15	265	7,025	45,793	324,168	4,952,708	
Answer (7)							

Pyramid Lv. 1							(6)
Lv. 1-2						(5)	
					(4)		
				(3)			
			(2)				
		(1)					
6	53	869	6,079	54,380	784,201	1,893,425	
9	68	745	7,395	31,605	612,873	5,789,640	
1	79	653	4,058	78,461	-901,562	-7,836,095	
Answer (7)							

Pyramid Lv. 1							(6)
Lv. 1-3						(5)	
					(4)		
				(3)			
			(2)				
		(1)					
7	68	821	7,018	72,531	-396,107	8,346,597	
9	12	235	5,693	56,983	-512,968	8,439,175	
4	50	653	4,932	27,940	478,350	-4,760,932	
Answer (7)							

Pyramid Lv. 1							(6)
Lv. 1-4						(5)	
					(4)		
				(3)			
			(2)				
		(1)					
7	53	429	1,362	82,107	281,597	8,451,937	
8	82	675	3,906	85,392	-507,126	-9,106,423	
1	61	284	7,082	41,960	458,362	2,487,165	
Answer (7)							

Answers Pyramid

Pyramid Lv. 1

	Lv. 1-1	Lv. 1-2	Lv. 1-3	Lv. 1-4
(1)	<i>/ 3</i>	<i>/ 6</i>	<i>20</i>	<i>/ 6</i>
(2)	<i>/ 67</i>	<i>2 / 6</i>	<i>/ 50</i>	<i>2 / 2</i>
(3)	<i>/,363</i>	<i>2,984</i>	<i>2,761</i>	<i>/,764</i>
(4)	<i>27,295</i>	<i>33,001</i>	<i>24,036</i>	<i>/7,229</i>
(5)	<i>302,405</i>	<i>317,413</i>	<i>311,032</i>	<i>424,597</i>
(6)	<i>2,003,313</i>	<i>2,117,798</i>	<i>/,898,177</i>	<i>2,056,838</i>
(7)	<i>/7,649,791</i>	<i>/2,813,042</i>	<i>/5,435,746</i>	<i>/9,578,894</i>