

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. 3

Lv. 3-1

						(6)
					(5)	
				(4)		
			(3)			
		(2)				
(1)						
9	26	746	6,925	94,315	-192,307	-1,509,387
8	81	274	7,156	79,264	687,192	-2,604,138
2	72	523	8,597	26,013	-903,456	7,438,692
4	50	890	8,639	10,846	365,024	5,803,916
3	38	128	3,207	16,258	621,743	-3,597,164
6	13	637	8,064	95,870	728,519	-7,028,531
2	46	681	1,427	93,578	-308,274	7,016,254
Answer (7)						

Pyramid Lv. 3

Lv. 3-2

						(6)
					(5)	
				(4)		
			(3)			
		(2)				
(1)						
8	18	173	8,230	95,278	-957,318	-1,047,823
2	70	547	1,874	17,438	872,156	9,608,421
9	25	210	3,695	28,391	198,230	-7,486,032
3	84	482	5,407	42,087	648,927	5,239,814
2	91	976	7,368	36,752	-930,741	2,586,704
5	31	691	7,241	90,741	513,802	-2,315,798
6	40	574	8,063	14,065	-235,407	8,609,573
Answer (7)						

Pyramid Lv. 3

Lv. 3-3

						(6)
					(5)	
				(4)		
			(3)			
		(2)				
(1)						
1	58	795	9,827	91,652	925,643	-1,869,570
2	76	836	7,430	29,130	542,970	2,894,307
9	23	360	3,562	80,325	-190,345	3,852,647
7	41	714	3,048	43,790	792,105	-7,065,198
8	21	589	1,476	83,201	-243,168	-9,526,317
4	69	412	5,162	96,487	704,629	8,472,935
7	30	120	6,981	36,971	573,491	-9,730,421
Answer (7)						

Pyramid Lv. 3

Lv. 3-4

						(6)
					(5)	
				(4)		
			(3)			
		(2)				
(1)						
6	71	326	2,067	39,458	-187,509	7,326,905
7	86	901	6,821	57,302	935,670	7,260,149
5	52	762	2,954	90,236	863,514	-2,517,308
9	43	543	5,198	23,097	-716,382	9,784,536
2	29	407	5,732	80,216	-246,851	-8,931,760
8	14	148	7,035	47,619	369,280	-8,456,023
5	68	675	1,048	75,281	104,279	8,145,903
Answer (7)						

Answers Pyramid

Pyramid Lv. 3

	Lv. 3-1	Lv. 3-2	Lv. 3-3	Lv. 3-4
(1)	34	35	38	42
(2)	360	394	356	405
(3)	5,149	4,355	5,100	5,059
(4)	52,067	53,711	46,785	41,109
(5)	629,877	549,796	718,774	581,584
(6)	2,877,571	2,501,768	3,980,320	3,414,643
(7)	24,183,313	17,759,730	12,761,568	27,503,037