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. 2

Lv. 2-1

						(6)
					(5)	6,715,408
				(4)	574,301	2,367,189
			(3)	74,295	−620,539	−7,109,352
		(2)	8,934	10,526	415,092	5,238,674
	(1)	284	6,412	53,748	−304,687	2,374,069
2	42	938	3,607	24,370	769,835	−1,506,893
7	16	457	8,791	62,489	316,479	−8,473,012
6	70	613	9,526	56,970	972,158	3,940,257
8	95	296	4,361	17,896	257,480	8,065,243
7	94	315	1,502	34,192	−941,078	−1,827,436

Answer (7)

Pyramid Lv. 2

Lv. 2-2

						(6)
					(5)	8,106,235
				(4)	814,250	7,395,408
			(3)	42,603	309,678	1,428,367
		(2)	9,635	59,184	−236,057	−5,031,982
	(1)	215	3,271	58,962	−560,842	9,472,508
5	28	387	5,047	80,971	491,583	4,237,869
8	31	709	7,382	96,720	738,402	−8,641,097
1	24	658	5,861	26,034	951,784	−3,760,814
5	12	243	3,420	14,807	316,598	−6,954,031
4	75	301	2,486	71,289	−462,539	9,587,023

Answer (7)

Pyramid Lv. 2

Lv. 2-3

						(6)
					(5)	6,480,521
				(4)	287,506	9,074,385
			(3)	42,951	710,984	1,258,403
		(2)	8,139	97,324	−346,012	−3,528,019
	(1)	590	7,528	64,503	−743,291	−4,807,961
8	37	543	9,450	70,598	978,364	−9,042,736
9	89	487	9,746	65,842	850,263	9,451,372
2	60	124	7,862	26,831	672,489	8,643,502
4	56	823	4,306	83,427	−251,467	5,936,247
3	51	831	3,261	80,675	710,859	−9,783,120

Answer (7)

Pyramid Lv. 2

Lv. 2-4

						(6)
					(5)	5,461,703
				(4)	576,028	9,362,584
			(3)	73,142	845,379	3,759,408
		(2)	9,270	58,906	910,352	4,598,327
	(1)	254	3,896	89,235	501,837	−2,406,381
7	37	698	5,468	71,630	439,615	9,051,627
1	86	280	2,783	81,097	−294,563	−7,698,250
5	40	953	3,107	43,520	657,091	−5,804,971
9	52	304	2,159	10,289	−389,164	−8,934,671
2	93	827	4,503	67,584	−618,249	6,521,870

Answer (7)

Answers Pyramid

Pyramid Lv. 2

	Lv. 2-1	Lv. 2-2	Lv. 2-3	Lv. 2-4
(1)	30	23	26	24
(2)	347	193	319	332
(3)	3,250	2,706	3,717	3,648
(4)	46,383	39,808	54,009	34,834
(5)	380,869	490,378	586,160	530,237
(6)	1,819,910	2,853,235	3,455,855	3,158,563
(7)	11,604,057	18,692,721	17,138,449	17,069,809