

Every row and every column contains each digit exactly once (1–4 on a 4×4, 1–6 on a 6×6). The label in each cage's corner shows what its digits must produce: 7+ add up to 7, 8× multiply to 8, 3– differ by 3, 2÷ divide to 2. A digit may repeat inside a cage if the cells share no row or column.

Puzzle 1 Easy

1–	4+	5+	
			4
2–		2–	
3+		1–	

Puzzle 2 Medium

4–	13+	24×		8+	5–
9+			40×		
48×	18×		6+		60×
	60×				
		30×			

Puzzle 3 Medium

1	13+			1-	
120×	9+		4+		48×
	15×				
	16+	4+		1-	30×
			100×		
6+					

Puzzle 4 Hard

30×		20×	48×		
			5+		6
23+		9+			20×
	6×		180×		
				3-	1-
4÷					

Solutions

Puzzle 1

¹⁻ 4	⁴⁺ 3	⁵⁺ 1	2
3	1	2	⁴ 4
²⁻ 2	4	²⁻ 3	1
³⁺ 1	2	¹⁻ 4	3

Puzzle 2

⁴⁻ 1	¹³⁺ 5	^{24×} 4	3	⁸⁺ 2	⁵⁻ 6
5	4	3	2	6	1
⁹⁺ 3	6	1	^{40×} 4	5	2
^{48×} 2	^{18×} 3	6	⁶⁺ 1	4	^{60×} 5
4	^{60×} 2	5	6	1	3
6	1	^{30×} 2	5	3	4

Puzzle 3

¹ 1	¹³⁺ 2	5	6	¹⁻ 4	3
^{120×} 5	⁹⁺ 3	6	⁴⁺ 2	1	^{48×} 4
4	^{15×} 5	3	1	6	2
6	¹⁶⁺ 4	⁴⁺ 1	3	¹⁻ 2	^{30×} 5
2	6	4	^{100×} 5	3	1
⁶⁺ 3	1	2	4	5	6

Puzzle 4

^{30×} 3	1	^{20×} 5	^{48×} 4	6	2
2	5	4	⁵⁺ 1	3	⁶ 6
²³⁺ 4	2	⁹⁺ 3	6	1	^{20×} 5
6	^{6×} 3	2	^{180×} 5	4	1
5	6	1	3	³⁻ 2	¹⁻ 4
⁴⁺ 1	4	6	2	5	3