

Pattern Puzzles – Pack 42

Puzzle 1. What number replaces the question mark in the grid?

1	1	3
2	2	4
4	1	?

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Puzzle 2. What number replaces the question mark in the grid?

2	2	9
7	1	13
10	9	?

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Puzzle 3. What number replaces the question mark in the grid?

2	1	5
3	2	8
1	7	?

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Puzzle 4. What number replaces the question mark in the grid?

1	1	3
2	2	4
3	3	?

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Puzzle 5. What number replaces the question mark in the grid?

1	2	5
4	2	7
1	1	?

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Puzzle 6. What number replaces the question mark in the grid?

4	4	5
6	1	14
7	9	?

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Puzzle 7. What number replaces the question mark in the grid?

1	6	14
3	6	25
15	2	?

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Puzzle 8. What number replaces the question mark in the grid?

3	3	7
3	2	16
4	8	?

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Puzzle 9. What number replaces the question mark in the grid?

3	3	7
3	1	17
4	7	?

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Puzzle 10. What number replaces the question mark in the grid?

2	2	4
2	2	9
7	3	?

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Answer Key

1. **C) 8**

Row sums are Fibonacci numbers: $F(5)=5$, $F(6)=8$, $F(7)=13$.

6. **A) 18**

Row sums are Fibonacci numbers: $F(7)=13$, $F(8)=21$, $F(9)=34$.

2. **C) 15**

Row sums are Fibonacci numbers: $F(7)=13$, $F(8)=21$, $F(9)=34$.

7. **C) 38**

Row sums are Fibonacci numbers: $F(8)=21$, $F(9)=34$, $F(10)=55$.

3. **C) 13**

Row sums are Fibonacci numbers: $F(6)=8$, $F(7)=13$, $F(8)=21$.

8. **B) 22**

Row sums are Fibonacci numbers: $F(7)=13$, $F(8)=21$, $F(9)=34$.

4. **B) 7**

Row sums are Fibonacci numbers: $F(5)=5$, $F(6)=8$, $F(7)=13$.

9. **C) 23**

Row sums are Fibonacci numbers: $F(7)=13$, $F(8)=21$, $F(9)=34$.

5. **B) 19**

Row sums are Fibonacci numbers: $F(6)=8$, $F(7)=13$, $F(8)=21$.

10. **D) 11**

Row sums are Fibonacci numbers: $F(6)=8$, $F(7)=13$, $F(8)=21$.