

Pattern Puzzles – Pack 38

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

2	1	10
2	7	12
8	9	?

- A) 25
 B) 4
 C) 16
 D) 17

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

1	1	6
1	3	9
1	4	?

- A) 8
 B) 15
 C) 16
 D) 21

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

5	1	15
3	8	23
2	11	?

- A) 55
 B) 21
 C) 42
 D) 41

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

1	2	5
4	3	6
5	7	?

- A) 14
 B) 8
 C) 1
 D) 9

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

3	2	16
6	3	25
6	3	?

- A) 59
 B) 25
 C) 46
 D) 45

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

1	2	10
4	7	10
2	5	?

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

1	1	6
1	2	10
2	3	?

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

1	1	6
2	4	7
6	2	?

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

1	1	6
1	2	10
1	4	?

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

6	2	13
7	9	18
9	10	?

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Answer Key

1. **D) 17**

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

6. **D) 27**

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

2. **C) 16**

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

7. **A) 16**

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

3. **C) 42**

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

8. **A) 13**

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

4. **D) 9**

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

9. **B) 16**

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

5. **C) 46**

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

10. **B) 36**

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