

Pattern Puzzles – Pack 43

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

4	1	8
5	3	13
8	3	?

- A) 31
 B) 22
 C) 10
 D) 23

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

1	2	10
6	4	11
3	2	?

- A) 28
 B) 37
 C) 29
 D) 16

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

1	3	9
4	5	12
9	7	?

- A) 5
 B) 26
 C) 18
 D) 17

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

6	6	9
8	1	25
17	2	?

- A) 35
 B) 36
 C) 49
 D) 15

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

2	4	7
4	4	13
9	5	?

- A) 20
 B) 19
 C) 7
 D) 28

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

2	2	4
1	1	11
5	7	?

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

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

2	2	4
4	3	6
7	3	?

- A) 16
 B) 3
 C) 11
 D) 10

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

1	1	3
1	2	5
2	4	?

- A) 7
 B) 10
 C) 2
 D) 6

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

2	4	7
1	1	19
7	5	?

- A) 22
 B) 9
 C) 21
 D) 30

Puzzle 10. What comes next in the sequence?

4	2	4	4	8	8	12	16	20	?
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- A) 35
 B) 32
 C) 33
 D) 36

Answer Key

1. **D) 23**

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

6. **C) 9**

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

2. **C) 29**

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

7. **C) 11**

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

3. **C) 18**

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

8. **A) 7**

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

4. **B) 36**

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

9. **A) 22**

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

5. **A) 20**

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

10. **B) 32**

Odd positions: Fibonacci-like sequence starting 4, 4.