

Pattern Puzzles – Pack 37

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

| | | |
|----|----|----|
| 6 | 7 | 8 |
| 7 | 4 | 23 |
| 14 | 13 | ? |

- A) 27
 B) 28
 C) 7
 D) 41

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

| | | |
|---|---|----|
| 1 | 2 | 5 |
| 1 | 1 | 11 |
| 2 | 1 | ? |

- A) 23
 B) 10
 C) 17
 D) 18

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

| | | |
|---|---|---|
| 1 | 2 | 5 |
| 2 | 2 | 9 |
| 2 | 1 | ? |

- A) 23
 B) 18
 C) 17
 D) 10

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

| | | |
|---|---|----|
| 2 | 4 | 7 |
| 2 | 4 | 15 |
| 2 | 5 | ? |

- A) 26
 B) 35
 C) 14
 D) 27

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

| | | |
|----|---|----|
| 4 | 3 | 14 |
| 2 | 3 | 29 |
| 10 | 5 | ? |

- A) 53
 B) 19
 C) 39
 D) 40

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

| | | |
|---|----|----|
| 4 | 3 | 14 |
| 9 | 10 | 15 |
| 7 | 5 | ? |

- A) 22
 B) 42
 C) 56
 D) 43

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

| | | |
|----|----|----|
| 2 | 3 | 8 |
| 4 | 4 | 13 |
| 10 | 11 | ? |

- A) 12
 B) 13
 C) 0
 D) 21

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

| | | |
|----|---|----|
| 1 | 2 | 18 |
| 4 | 8 | 22 |
| 15 | 8 | ? |

- A) 11
 B) 32
 C) 45
 D) 31

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

| | | |
|---|---|---|
| 1 | 1 | 3 |
| 1 | 2 | 5 |
| 2 | 1 | ? |

- A) 9
 B) 5
 C) 13
 D) 10

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

| | | |
|---|---|---|
| 2 | 1 | 5 |
| 2 | 2 | 9 |
| 6 | 3 | ? |

- A) 12
 B) 4
 C) 17
 D) 11

Answer Key

1. **B) 28**

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

6. **D) 43**

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

2. **D) 18**

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

7. **B) 13**

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

3. **B) 18**

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

8. **B) 32**

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

4. **D) 27**

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

9. **D) 10**

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

5. **D) 40**

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

10. **A) 12**

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