# Pattern Puzzles — Pack 41

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

| | | |
|---|---|---|
| 2 | 1 | 10 |
| 3 | 4 | 14 |
| 11 | 2 | ? |

A) 20 B) 29 C) 21 D) 8

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

| | | |
|---|---|---|
| 3 | 2 | 8 |
| 1 | 1 | 19 |
| 4 | 6 | ? |

A) 32 B) 11 C) 24 D) 23

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

| | | |
|---|---|---|
| 1 | 1 | 6 |
| 4 | 2 | 7 |
| 2 | 6 | ? |

A) 5 B) 13 C) 18 D) 12

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

| | | |
|---|---|---|
| 5 | 7 | 9 |
| 1 | 9 | 24 |
| 5 | 11 | ? |

A) 39 B) 52 C) 18 D) 38

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

| | | |
|---|---|---|
| 3 | 5 | 13 |
| 11 | 11 | 12 |
| 4 | 13 | ? |

A) 17 B) 38 C) 37 D) 51

# Pattern Puzzles — Pack 41

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

| | | |
|---|---|---|
| 2 | 4 | 15 |
| 11 | 3 | 20 |
| 14 | 1 | ? |

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

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

| | | |
|---|---|---|
| 1 | 1 | 6 |
| 4 | 1 | 8 |
| 3 | 1 | ? |

A) 22 B) 17 C) 9 D) 16

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

| | | |
|---|---|---|
| 3 | 1 | 17 |
| 1 | 2 | 31 |
| 17 | 9 | ? |

A) 29 B) 28 C) 8 D) 42

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

| | | |
|---|---|---|
| 7 | 1 | 13 |
| 10 | 8 | 16 |
| 5 | 4 | ? |

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

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

| | | |
|---|---|---|
| 4 | 2 | 7 |
| 6 | 5 | 10 |
| 9 | 3 | ? |

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

# Answer Key

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

2. **C) 24**
   Row sums are Fibonacci numbers: F(7)=13, F(8)=21, F(9)=34.

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

4. **A) 39**
   Row sums are Fibonacci numbers: F(8)=21, F(9)=34, F(10)=55.

5. **B) 38**
   Row sums are Fibonacci numbers: F(8)=21, F(9)=34, F(10)=55.

6. **B) 40**
   Row sums are Fibonacci numbers: F(8)=21, F(9)=34, F(10)=55.

7. **B) 17**
   Row sums are Fibonacci numbers: F(6)=8, F(7)=13, F(8)=21.

8. **A) 29**
   Row sums are Fibonacci numbers: F(8)=21, F(9)=34, F(10)=55.

9. **D) 46**
   Row sums are Fibonacci numbers: F(8)=21, F(9)=34, F(10)=55.

10. **A) 22**
    Row sums are Fibonacci numbers: F(7)=13, F(8)=21, F(9)=34.