

Pattern Puzzles – Pack 28

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

1	1	3
2	2	4
1	1	?

- A) 6
 B) 11
 C) 14
 D) 10

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

1	1	3
2	2	4
1	3	?

- A) 12
 B) 8
 C) 4
 D) 9

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

5	7	9
4	2	28
1	12	?

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

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

1	1	11
1	2	18
1	7	?

- A) 34
 B) 25
 C) 26
 D) 13

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

2	2	4
4	4	5
2	4	?

- A) 14
 B) 15
 C) 7
 D) 20

Pattern Puzzles – Pack 28

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

3	1	17
6	7	21
6	18	?

-

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

1	1	19
10	6	18
1	3	?

-

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

7	6	8
3	11	20
17	8	?

-

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

2	3	8
1	7	13
3	9	?

-

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

1	1	3
2	1	5
1	1	?

-

Answer Key

1. **B) 11**

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

6. **C) 31**

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

2. **D) 9**

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

7. **B) 51**

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

3. **D) 42**

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

8. **C) 30**

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

4. **C) 26**

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

9. **C) 22**

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

5. **B) 15**

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

10. **B) 11**

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