

Pattern Puzzles – Pack 49

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

7	2	12
9	8	17
14	10	?

- A) 31
 B) 30
 C) 44
 D) 10

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

1	2	5
1	2	10
1	6	?

- A) 13
 B) 14
 C) 6
 D) 19

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

1	1	3
1	1	6
2	3	?

- A) 8
 B) 3
 C) 11
 D) 7

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

4	1	8
4	5	12
4	11	?

- A) 27
 B) 18
 C) 19
 D) 6

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

2	2	9
6	4	11
1	6	?

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

Pattern Puzzles – Pack 49

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

1	1	11
6	4	11
9	6	?

-

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

2	1	10
3	5	13
4	5	?

-

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

1	2	5
4	2	7
5	3	?

-

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

6	2	13
3	6	25
13	3	?

-

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

2	1	5
1	1	11
5	4	?

-

Answer Key

1. A) 31

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

6. A) 19

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

2. B) 14

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

7. A) 25

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

3. A) 8

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

8. B) 13

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

4. C) 19

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

9. D) 39

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

5. C) 27

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

10. B) 12

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