

Pattern Puzzles – Pack 44

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

2	4	7
2	2	17
9	10	?

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

1	2	5
3	4	6
5	4	?

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

1	1	3
1	1	6
1	2	?

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

6	4	11
1	11	22
11	15	?

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

2	3	8
5	7	9
10	6	?

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

2	2	4
4	4	5
7	1	?

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

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

1	7	13
2	1	31
15	7	?

- A) 46
 B) 33
 C) 32
 D) 12

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

3	4	6
6	6	9
11	6	?

- A) 17
 B) 4
 C) 16
 D) 25

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

1	2	10
4	6	11
11	7	?

- A) 3
 B) 24
 C) 16
 D) 15

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

1	2	5
3	4	6
5	6	?

- A) 15
 B) 10
 C) 9
 D) 2

Answer Key

1. B) 15

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

6. D) 13

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

2. A) 12

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

7. B) 33

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

3. C) 10

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

8. A) 17

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

4. D) 29

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

9. C) 16

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

5. A) 18

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

10. B) 10

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