

Pattern Puzzles – Pack 58

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

1	2	5
3	2	8
3	1	?

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

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

1	3	17
3	1	30
14	9	?

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

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

2	2	17
2	6	26
2	12	?

- A) 40 B) 41 C) 20 D) 54

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

4	4	5
1	2	18
3	2	?

- A) 16 B) 29 C) 37 D) 28

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

1	1	3
2	2	4
3	4	?

- A) 9 B) 1 C) 6 D) 5

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

1	2	5
1	1	11
5	1	?

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

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

1	1	3
2	1	5
2	2	?

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

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

1	3	9
2	7	12
6	4	?

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

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

4	7	10
9	9	16
16	12	?

- A) 6
 B) 26
 C) 40
 D) 27

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

2	1	5
4	2	7
1	6	?

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

Answer Key

1. B) 17

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

6. B) 15

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

2. D) 32

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

7. D) 9

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

3. B) 41

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

8. D) 24

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

4. B) 29

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

9. D) 27

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

5. C) 6

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

10. A) 14

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