

Pattern Puzzles – Pack 60

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

4	6	11
7	10	17
17	5	?

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

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

2	1	5
2	2	9
4	1	?

- A) 21
 B) 8
 C) 16
 D) 15

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

2	1	5
1	3	9
2	5	?

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

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

1	3	9
6	3	12
7	9	?

- A) 17
 B) 18
 C) 5
 D) 26

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

3	2	16
5	2	27
10	7	?

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

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

1	1	19
8	2	24
5	12	?

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

1	1	19
2	11	21
9	13	?

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

1	4	8
2	1	18
2	8	?

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

4	3	6
5	6	10
7	5	?

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

2	1	5
2	1	10
2	5	?

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Answer Key

1. A) 33

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

6. B) 38

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

2. C) 16

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

7. D) 33

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

3. D) 14

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

8. D) 24

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

4. B) 18

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

9. A) 22

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

5. A) 38

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

10. B) 14

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