

Pattern Puzzles – Pack 18

Puzzle 1. What comes next in the sequence?

12	25	44	69	100	137	?
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- A) 186 B) 208 C) 174 D) 180

Puzzle 2. What comes next in the sequence?

3	7	13	21	31	43	?
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- A) 59 B) 51 C) 55 D) 57

Puzzle 3. What comes next in the sequence?

11	18	27	38	51	66	?
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- A) 85 B) 92 C) 81 D) 83

Puzzle 4. What comes next in the sequence?

9	18	29	42	57	74	?
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- A) 95 B) 98 C) 93 D) 91

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

4	8	16
4	12	36
1	2	?

- A) 9 B) 5 C) 8 D) 4

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Puzzle 6. What comes next in the sequence?

6	10	16	24	34	46	?
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A) 54	B) 58	C) 60	D) 62
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Puzzle 7. What comes next in the sequence?

26	36	45	55	64	74	83	?
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A) 102	B) 92	C) 93	D) 82
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Puzzle 8. What comes next in the sequence?

4	14	44	134	404	1214	?
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A) 3642	B) 1216	C) 3644	D) 3645
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Puzzle 9. What comes next in the sequence?

9	18	30	39	51	60	72	?
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A) 84	B) 80	C) 81	D) 93
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Puzzle 10. What comes next in the sequence?

29	38	48	57	67	76	86	?
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A) 94	B) 105	C) 95	D) 96
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Answer Key

1. **D) 180**

Sequence: 12, 25, 44, 69, 100, 137, ...

6. **C) 60**

Sequence: 6, 10, 16, 24, 34, 46, ...

2. **D) 57**

Sequence: 3, 7, 13, 21, 31, 43, ...

7. **C) 93**

Sequence: 26, 36, 45, 55, 64, 74, 83, ...

3. **D) 83**

Sequence: 11, 18, 27, 38, 51, 66, ...

8. **C) 3644**

Sequence: 4, 14, 44, 134, 404, 1214, ...

4. **C) 93**

Sequence: 9, 18, 29, 42, 57, 74, ...

9. **C) 81**

Sequence: 9, 18, 30, 39, 51, 60, 72, ...

5. **D) 4**

Each row is a geometric sequence. Row 3 ratio: $\times 2$.

10. **C) 95**

Sequence: 29, 38, 48, 57, 67, 76, 86, ...