

## Pattern Puzzles – Pack 21

**Puzzle 1.** What comes next in the sequence?

12	10	22	17	32	24	?
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 A) 39 B) 31 C) 43 D) 42

**Puzzle 2.** What comes next in the sequence?

11	20	31	44	59	76	?
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 A) 93 B) 97 C) 95 D) 101

**Puzzle 3.** What comes next in the sequence?

6	14	30	62	126	254	?
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 A) 508 B) 256 C) 510 D) 511

**Puzzle 4.** What comes next in the sequence?

4	18	60	186	564	1698	?
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 A) 5100 B) 5101 C) 5094 D) 1704

**Puzzle 5.** What comes next in the sequence?

6	14	15	17	24	20	?
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 A) 27 B) 33 C) 34 D) 23

## Pattern Puzzles – Pack 21

**Puzzle 6.** What comes next in the sequence?

11	24	43	68	99	136	?
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A) 173

B) 179

C) 212

D) 185

**Puzzle 7.** What comes next in the sequence?

15	18	27	30	39	42	51	?
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A) 60

B) 63

C) 53

D) 54

**Puzzle 8.** What comes next in the sequence?

12	29	54	87	128	177	?
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A) 205

B) 242

C) 226

D) 234

**Puzzle 9.** What comes next in the sequence?

18	9	24	16	30	23	?
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A) 36

B) 37

C) 29

D) 30

**Puzzle 10.** What comes next in the sequence?

13	16	17	23	21	30	?
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A) 28

B) 25

C) 37

D) 26

## Answer Key

1. **D) 42**

Two interleaved series – odd: +10, even: +7.

6. **B) 179**

Sequence: 11, 24, 43, 68, 99, 136, ...

2. **C) 95**

Sequence: 11, 20, 31, 44, 59, 76, ...

7. **D) 54**

Sequence: 15, 18, 27, 30, 39, 42, 51, ...

3. **C) 510**

Sequence: 6, 14, 30, 62, 126, 254, ...

8. **D) 234**

Sequence: 12, 29, 54, 87, 128, 177, ...

4. **A) 5100**

Sequence: 4, 18, 60, 186, 564, 1698, ...

9. **A) 36**

Two interleaved series – odd: +6, even: +7.

5. **B) 33**

Two interleaved series – odd: +9, even: +3.

10. **B) 25**

Two interleaved series – odd: +4, even: +7.