Number sequences

6 practice questions

1. Start at 3 and add 3 each time. Write 5 numbers.

Add 3 four times after the starting number.

Answer: 3, 6, 9, 12, 15.

2. Start at 18 and subtract 2 each time. Write 4 numbers.

Subtract 2 from each previous number.

Answer: 18, 16, 14, 12.

3. The rule is add 5. Fill the gap: 7, 12, __, 22.

$12 + 5 = 17$ and $17 + 5 = 22$.

Answer: 17.

4. The sequence 4, 8, 12, 16 has a constant step. Describe it.

Each pair of neighbours differs by 4.

Answer: Add 4 each time.

5. The rule is add 3. Correct the error: 6, 9, 12, 16, 18.

$12 + 3 = 15$ and $15 + 3 = 18$.

Answer: 16 should be 15.

6. A child saves 4 stickers each day. The total after day 1 is 4. Give the totals after days 2, 3 and 4.

Add 4 for each extra day.

Answer: 8, 12 and 16 stickers.