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.