

Find the next number in the sequence:

5, 10, 15, 20, 25, 30

Reason: Number increases by 5 each time

1, 3, 5, 7, 9, 11, 13

Reason: Number increases by 2 each time, starting from 1

2, 4, 8, 16, 32, 64

Reason: Number doubles each time

1, 4, 8, 11, 15, 18, 22, 25

Reason: Add three, then add four

1, 3, 6, 10, 15, 21, 28

Reason: The difference increases by 1 (triangular numbers)

4, 5, 3, 6, 2, 7, 1, 8

Reason: +1, -2, +3, -4 (add then subtract the numbers), starting at 4

1, 4, 9, 16, 25, 36

Reason: Square numbers - $1 \times 1 = 1^2$, $2 \times 2 = 2^2$, $3 \times 3 = 3^2$