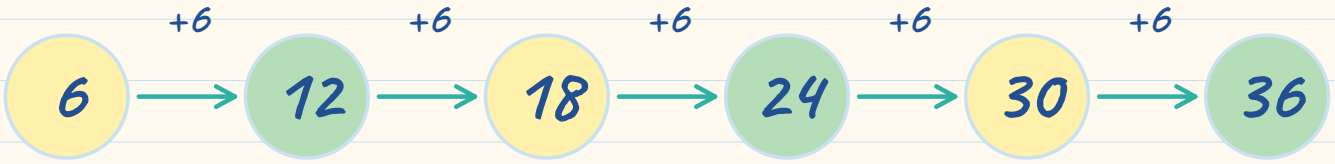
Multiples and number sequences

Number · VC2M4N02

Multiples are numbers made by multiplying a number by whole numbers.



6 × 1, 6 × 2, 6 × 3 ...

☆ Find the repeated step

Multiples of 6 include 6, 12, 18, 24 and 30.

6 × 4 = 24, so 24 is a multiple of 6.

Count forwards by adding 6; backwards by subtracting 6.

☆ Practise these multiples

3s: 3, 6, 9, 12 4s: 4, 8, 12, 16

6s: 6, 12, 18, 24 7s: 7, 14, 21, 28

8s: 8, 16, 24, 32 9s: 9, 18, 27, 36

☆ Missing terms and starting numbers

14, 21, __, 35: add 7. The missing term is 28.

After three +7 steps, we reach 35.

Work backwards: 35 − 7 − 7 − 7 = 14, the start.

☆ Positions and shared multiples

Term 1 is 12. Add 6 each time.

Term 5 needs four steps: 12 + 4 × 6 = 36.

24 is a multiple of both 6 and 8: 6 × 4 = 8 × 3.

Remember...

Extend each sequence and explain its rule; it can keep going.

Double multiples of 3 to make multiples of 6.