

Solving simple equations – find the missing value

MODEL THIS ON THE BOARD

SOLVE $x + 5 = 12$

- 1 Both sides of the equation must stay equal — like a pair of scales.
- 2 Subtract 5 from **both sides**: $x + 5 - 5 = 12 - 5$.
- 3 Answer: **$x = 7$** . Check: $7 + 5 = 12$ ✓

ANSWER KEY

a) $x = 8$.

b) $x = 9$.

c) $n = 7$.

d) $y = 15$.

Q1: $x = 15$

Q2: $x = 10$

Q3: $x = 26$

Q4: $x = 19$

EXTENSION SHEET · STRETCH ANSWERS

S1: $x = 22$

S2: $x = 12$

S3: $x = 9$