

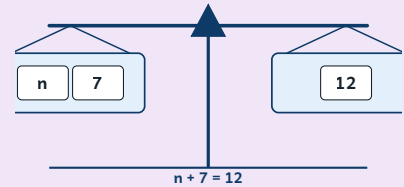
Solving one-step equations

WHAT THIS LESSON TEACHES

An **equation** balances. Do the **same thing to both sides** to undo what's been done to the letter and find its value.

→ $n + 7 = 12$ → subtract 7 → $n = 5$.

→ $3n = 21$ → divide by 3 → $n = 7$.



MODEL THIS ON THE BOARD

SOLVE $n + 7 = 12$

- 1 Undo the + 7 by subtracting 7 from **both sides**.
- 2 $n = 12 - 7 = 5$.
- 3 Check: $5 + 7 = 12$. ✓

ANSWER KEY

W1: $x = 19$

W2: $x = 13$

Q1: $x = 15$

Q2: $x = 12$

Q3: $x = 26$

Q4: $x = 22$

EXTENSION SHEET · STRETCH ANSWERS

S1: $x = 19$

S2: $x = 10$

S3: $x = 9$