

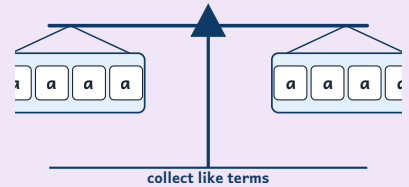
Simplifying simple expressions

WHAT THIS LESSON TEACHES

Simplify an expression by collecting **like terms** — the ones with the same letter.

$$\rightarrow 3n + 2n = 5n.$$

$$\rightarrow 4a + 3 + 2a = 6a + 3.$$



MODEL THIS ON THE BOARD

SIMPLIFY $4a + 3 + 2a$

- ① Collect the **like terms** (the ones with a): $4a + 2a = 6a$.
- ② Keep the 3 separate: $6a + 3$.

ANSWER KEY

W1: commutative property

W2: commutative property

Q1: commutative property

Q2: $x = 9$

Q3: distributive property

Q4: 16

EXTENSION SHEET · STRETCH ANSWERS

S1: 22

S2: distributive property

S3: 19

S4: distributive property

S5: associative property