

## Homework

## Activity 1

For each problem, answer "yes" if you can combine the terms inside the parentheses and "no" if you cannot.

- $2(x + 4) = 6$
- $4x = 3(4 + 5)$
- $3(x + 2x) = 12$
- $15 = 3(x + 3)$
- $20 = 2(4 + w)$
- $2(2 + 4) = 2x$

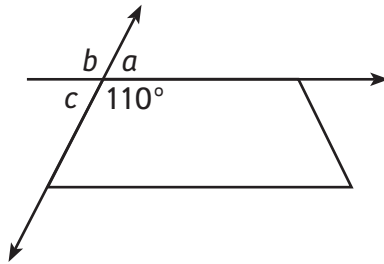
## Activity 2

Solve.

- $2(a + 1) = 6$
- $24 = 3(b + 1)$
- $25 = 5(1 + x)$
- $-2(-z - 3) = 18$

## Activity 3

Find the missing angles using the diagram.



- What is the measure of  $\angle a$ ?
- What is the measure of  $\angle b$ ?
- What is the measure of  $\angle c$ ?

## Activity 4 • Distributed Practice

Solve.

- $\frac{a}{2} = \frac{10}{4}$
- $2(2 - y) = -12$
- $x + 5 = 0$
- $y = -12 + -17$
- $-12 = 2t$
- $-5 + w = -12$