Homework

Activity 1

Solve.

1. $30 + 60 + x = 180$

2. $45 + 40 + 35 + w = 360$

3. $z = 3 \cdot 60$

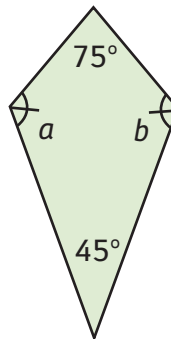4. $4 \cdot m = 360$

Activity 2

Write an equation for each of the word problems. You do not need to solve it.

1. If the sum of the interior angles of a square is 360, write an equation to show the measurement of one interior angle.

2. If a triangle has angles with measures of 90 and 30 degrees, write an equation to show the measurement of the third angle.

Activity 3

Tell the missing angle measures.

1. What are the measures of $\angle a$ and $\angle b$?

2. What is the measure of $\angle x$?

Activity 4 • Distributed Practice

Solve.

1. $\frac{12}{24} = \frac{x}{6}$

2. $2(a + 6) = -24$

3. $7b = -49$

4. $-22 + x + -9 = -50$

5. $\frac{1}{4} \cdot g = 1$

6. $d + -4 = 0$