Activity 1

For each expression, tell what you would multiply by to change the coefficient in front of the variable to 1.

1. $\frac{2}{3}x$

2. $2x$

3. $-x$

4. $\frac{1}{3}x$
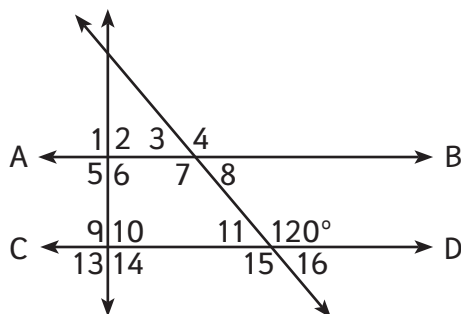
5. $\frac{4}{5}x$

6. $-3x$

Activity 2

Solve.

1. $\frac{2}{3}z = 8$

2. $6 = \frac{1}{5}w$

3. $\frac{1}{2}x + 4 = 10$

4. $\frac{1}{4}y - 4 = 2$

Activity 3

Find the missing angle measures using the diagram. Lines AB and CD are parallel.

1. What is the measure of $\angle 10$?

2. What is the measure of $\angle 6$?

3. What is the measure of $\angle 3$?

4. What is the measure of $\angle 15$?

Activity 4 • Distributed Practice

Solve.

1. $\frac{3}{4} = \frac{b}{24}$

2. $2w = -8$

3. $1 = \frac{5}{4} \cdot d$

4. $a + -10 = 0$

5. $2(x + 5) = 3$

6. $-100 = -30 + x$