Lesson 4

Homework

Activity 1

Solve the equations. Be sure to show all your work and check your answers at the end.

1. $3 + x = 12$
2. $y - 4 = 3$
3. $1 + w = -5$
4. $z - -5 = -2$
5. $-4 + a = -2$
6. $3 - 4 = n$

Activity 2

Tim got the following answers for each equation. Substitute Tim's answer in each equation to see if it is correct. If he was correct, write "correct." If Tim got the answer wrong, write "incorrect."

Model $z + 5 = 12$ $6 + 5 = 12$

        Answer: $z = 6$ $11 = 12$

                    6 is not correct

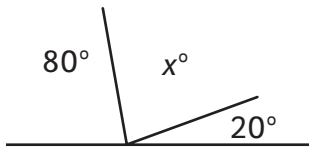1. $x - -4 = 1$ Answer: $x = 5$
2. $-3 + z = 2$ Answer: $z = 5$
3. $w + 7 = -4$ Answer: $w = -11$
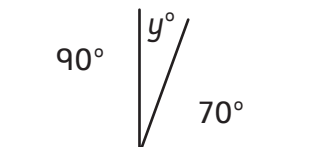4. $12 - n = 2$ Answer: $n = -10$

Activity 3

Tell the measure of the missing angle in each problem.
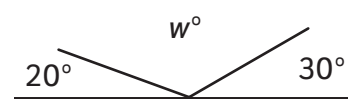
1.

2.

3.

Activity 4 • Distributed Practice

Solve.

1. $4 - -3$
2. $4 - 3$
3. $4 \cdot -3$
4. $\frac{1}{2} \cdot \frac{1}{2}$
5. $\frac{1}{2} \cdot \frac{2}{1}$
6. $\frac{1}{2} \div \frac{1}{2}$

7. Simplify using the distributive property: $5(2x + 2)$