Homework

Activity 1

Simplify the sides of each equation and tell if the equation is balanced.

1. $5 + 2 \cdot 3 = 21 - 5 + 6$

2. $2 \cdot 2 \cdot 2 \cdot 2 + 3 + 4 = 5^2 - 1 \cdot 1 - 1$

3. $27 = (4 + 5) \cdot (2 + 1)$

4. $3 + 2 \cdot 6 = 10 + 10 + 10$

Activity 2

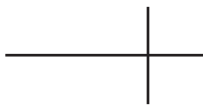**Select the geometric term that matches each of the following.**

1. _____
   - **(a)** line
   - **(b)** line segment
   - **(c)** arc

2.
   - **(a)** line
   - **(b)** line segment
   - **(c)** arc

3. _____
   - **(a)** perpendicular
   - **(b)** parallel
   - **(c)** arc

4.
   - **(a)** perpendicular
   - **(b)** parallel
   - **(c)** arc

Activity 3 • Distributed Practice

Solve.

1. $\frac{1}{3} \cdot \frac{3}{1}$

2. $-4 - 2$

3. $-4 \cdot -2$

4. $-4 \div -2$

5. $\frac{3}{4} \div \frac{1}{8}$

6. $3^2 + (6 - -3)$

7. $(6 - -3) + 3^2$

8. Simplify using the distributive property: $3(x + 2)$