

Skill: Exploring Equality**Investigation 3****Moving Straight Ahead**

1. Determine whether each point is a solution of $y = 3x - 8$.
- a. $(0, -8)$ b. $(6, -10)$ c. $(-2, -2)$ d. $(4, 4)$

2. Determine whether each point is a solution of $y = -5x + 19$.
- a. $(-3, 4)$ b. $(0, 19)$ c. $(2, 9)$ d. $(-4, 39)$

Use the equation $y = -2x + 1$. Complete each solution.

3. $(0, \square)$ 4. $(-5, \square)$ 5. $(20, \square)$ 6. $(-68, \square)$

Use each equation. Find y for $x = 1, 2, 3,$ and 4 .

7. $y = 2x$ 8. $y = 3x + 1$

9. $y = x - 5$ 10. $y = -5x + 6$