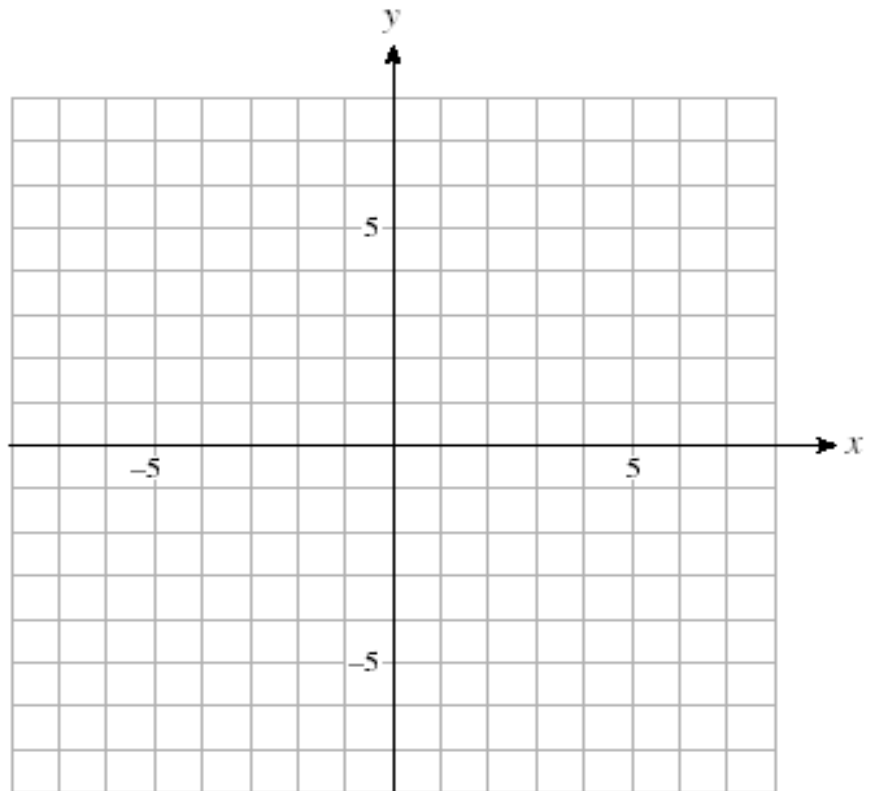


Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Warmup** Graph the solution to

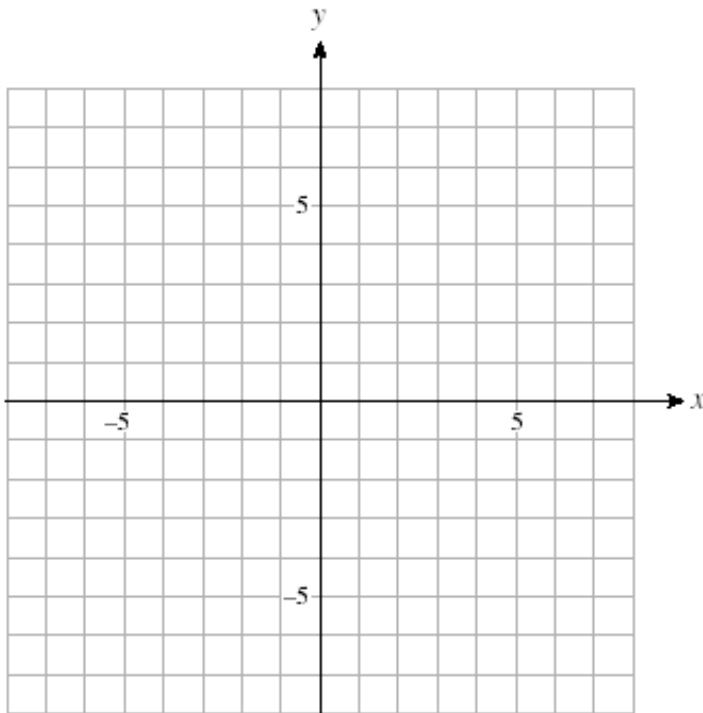
$$y > \frac{2}{5}x - 3$$

**Recall** Number sets:

- Natural Numbers
- Whole Numbers
- Integers
- Real Numbers

**Example** Graph each of the following inequalities:

a.  $\{(x, y) | x + 5 < 0, x \in \mathbb{W}, y \in \mathbb{W}\}$



b.  $\{(x, y) | y \geq -2x + 5, x \in \mathbb{Z}, y \in \mathbb{Z}\}$

