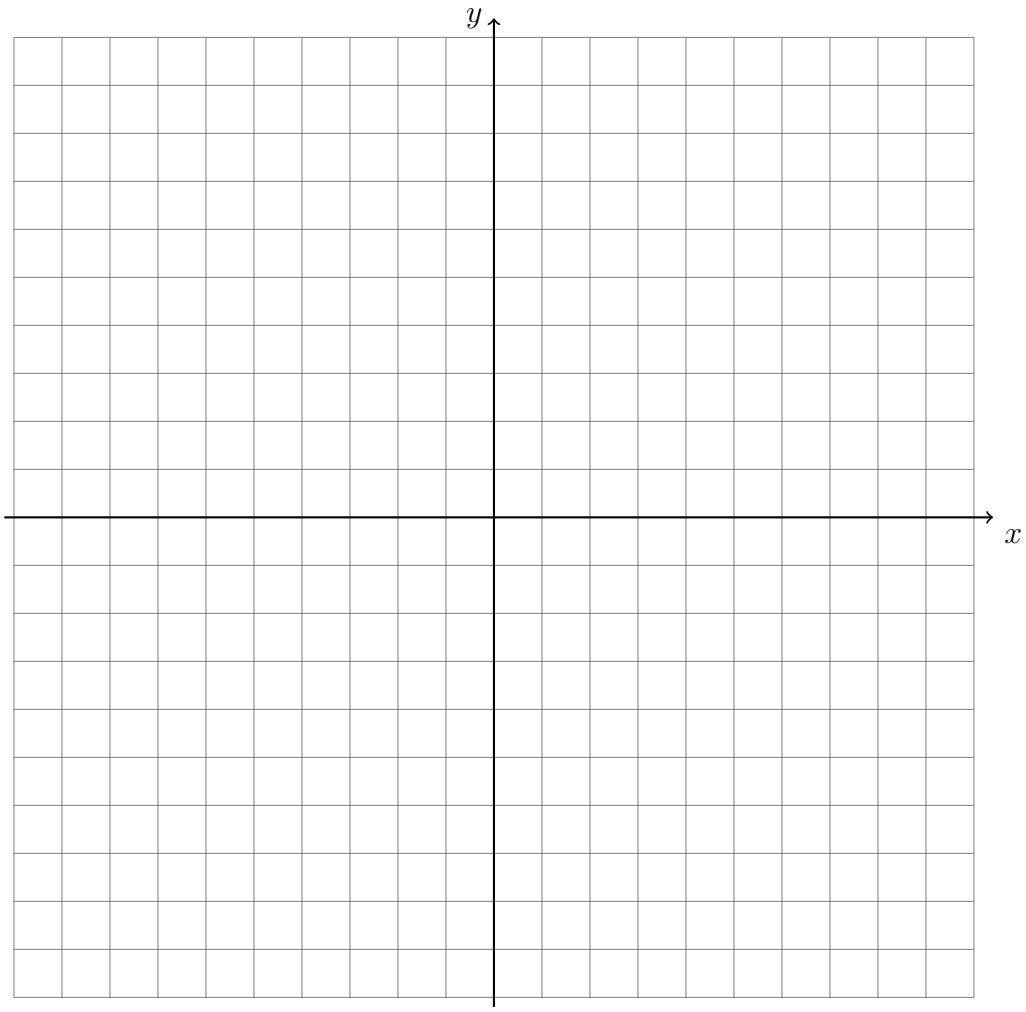
**Do Now**

For graphs, use a pencil and straight edge. Label each line.

1. Solve for $y$, then graph the two inequalities.

   $-3y + 6 < x$ $2x - 2y \geq 8$




Mark the solution set with a capital "S". Is the point a solution? Justify your answer.

**Fractional Algebra**

2. $\frac{7}{4}(2x+4) = 14$

3. $\frac{3}{x}(7x-9) = 12$

## Quadratic Formula

4. Solve $x^2 - 3x - 10$ by factoring. Then check with the quadratic formula.

5. Solve $x^2 + 7x - 17$.