

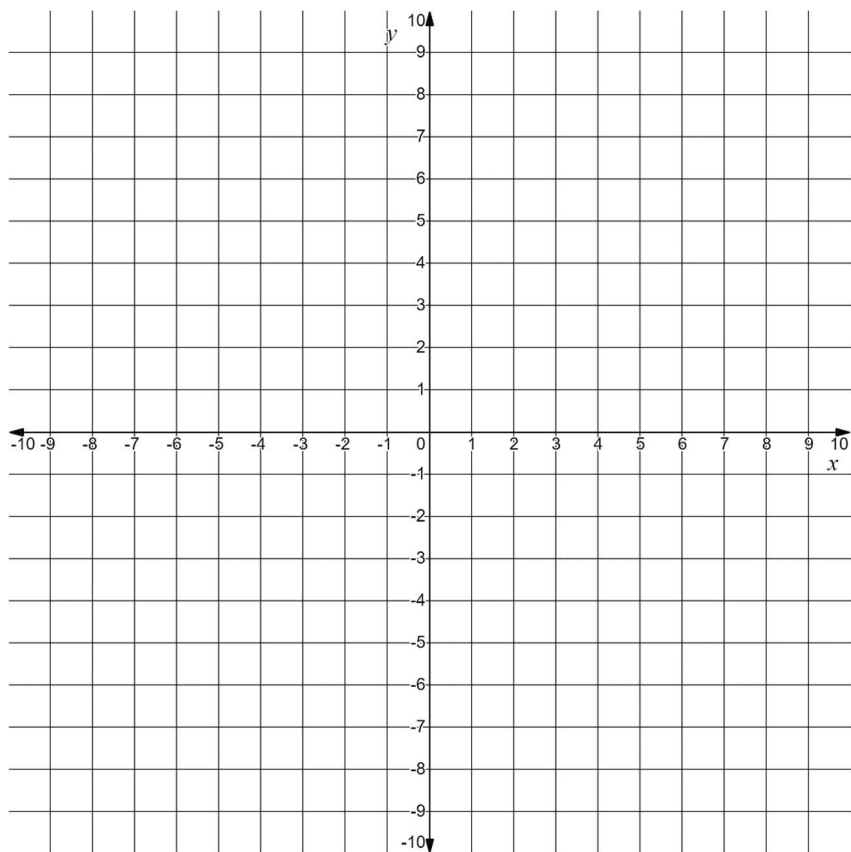
Name: \_\_\_\_\_

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

**Learning Goal 9.2**

Solving quadratic inequalities.

**Example** Graph  $y < -2(x - 3)^2 + 1$  and determine whether the point  $(2, -4)$  is a solution to the inequality.



**Example** Graph  $y \geq x^2 - 4x - 5$ .

