Name: _____ Period: _____ Date: _____

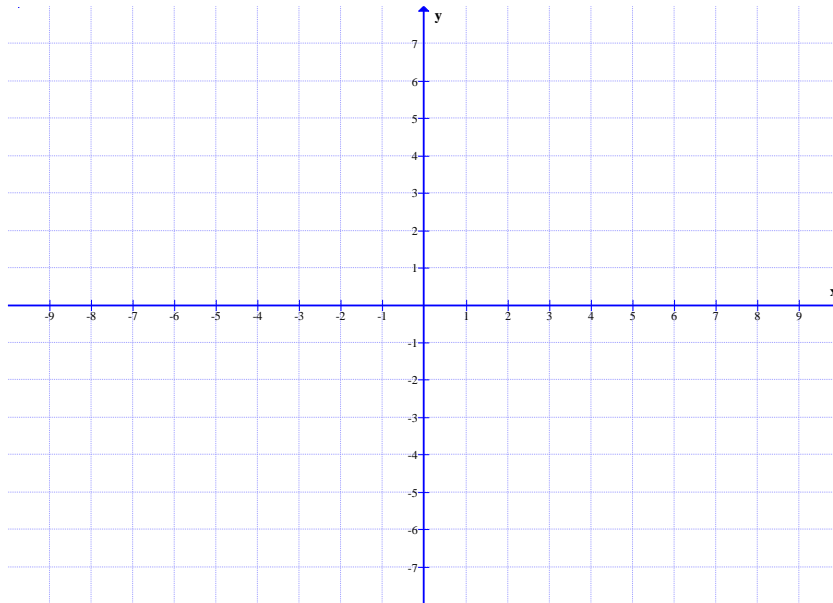# Circles in the Coordinate Plane Exit Quiz

Answer the following question about circles in a coordinate plane.

1. Change $x^2 + y^2 - 4x + 4y - 8 = 0$ to center radius form.

2. What is the center of the equation of a circle $x^2 + y^2 - 4x + 4y - 8 = 0$?

3. What is the radius of the equation of a circle $x^2 + y^2 - 4x + 4y - 8 = 0$?

4. Draw the graph of $x^2 + y^2 - 4x + 4y - 8 = 0$.

5. Identify if (3, 4) is one of the points of $x^2 + y^2 - 4x + 4y - 8 = 0$.

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