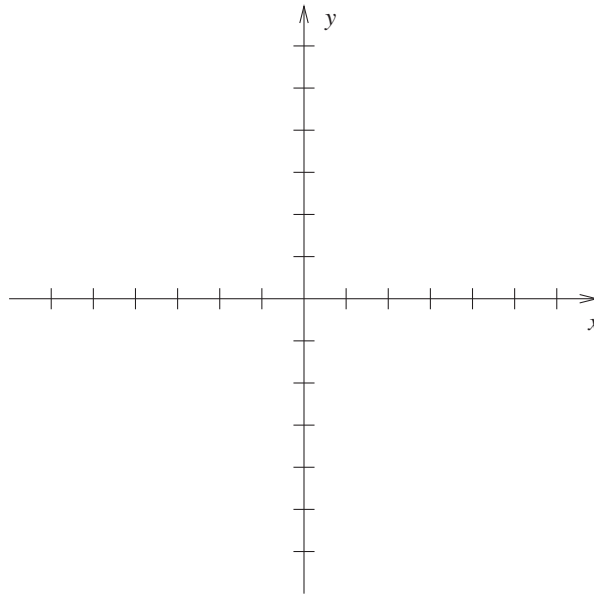


1. Give the standard form of the equation of the circle with center $(-1, 3)$ and radius 3, and provide a sketch of this circle in the space below.



2. What is the center and radius of the circle described by the equation $(x - 5)^2 + (y + 2)^2 = 3$?
3. What is the center and radius of the circle described by the equation $x^2 - 2x + y^2 + 4y = 4$?