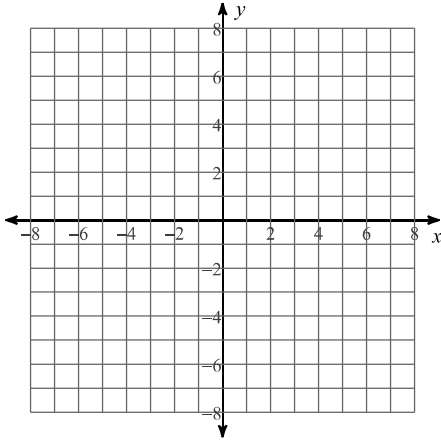


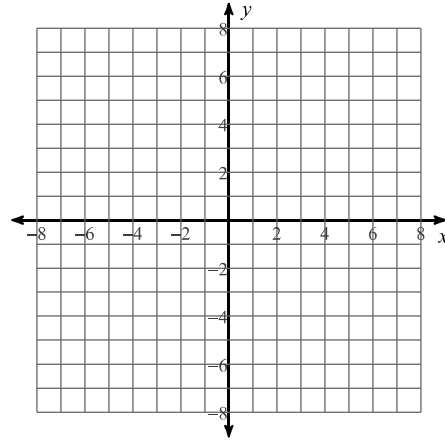
Assignment

Identify the center and radius of each. Then sketch the graph.

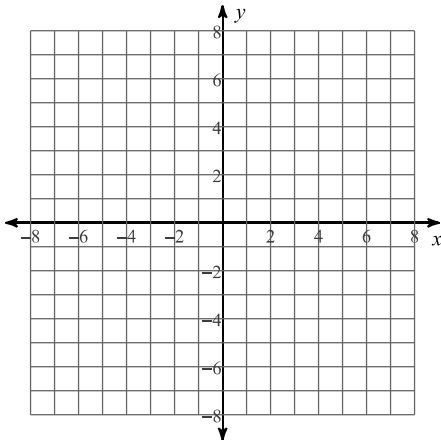
1) $(x + 3)^2 + y^2 = 4$



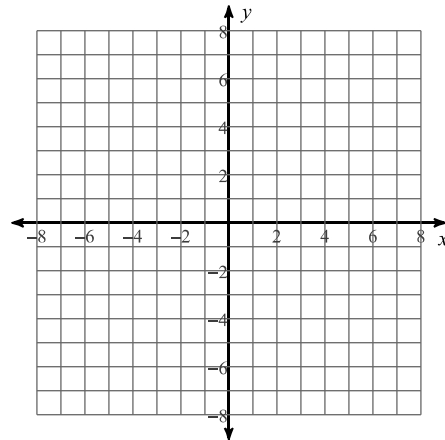
2) $(x + 1)^2 + (y + 2)^2 = 1$



3) $(x + 2)^2 + y^2 = 16$



4) $x^2 + (y - 3)^2 = 9$



Use the information provided to write the equation of each circle.

5) Center: $(-3, -6)$

Radius: 8

6) Center: $(2, 9)$

Radius: 5

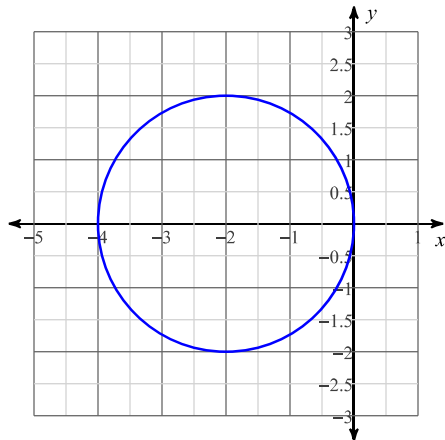
7) Center: $(-11, 13)$

Radius: 3

8) Center: $(-4, 16)$

Radius: 2

9)



10)

