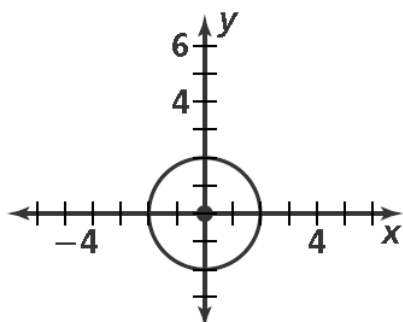


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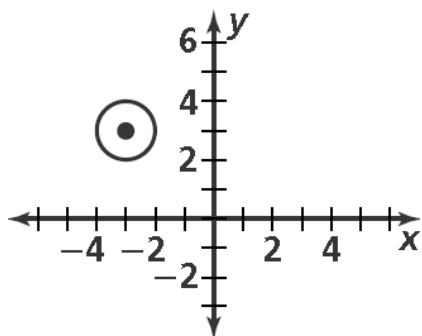
Circles in the Coordinate Plane

- 1) Find the center and radius of each circle.
 - 1) $x^2 + y^2 = 36$
 - 2) $(x - 2)^2 + (y - 7)^2 = 49$
 - 3) $(x + 1)^2 + (y + 6)^2 = 16$
 - 4) $(x + 3)^2 + (y - 11)^2 = 12$
- 2) Write the standard equation of each circle.
 - 1) center (0, 0); $r = 7$
 - 2) center (4, 3); $r = 8$
 - 3) center (5, 3); $r = 2$
 - 4) center (-5, 4); $r = \frac{1}{2}$
 - 5) center (-2, -5); $r = \sqrt{2}$
 - 6) center (-1, 6); $r = \sqrt{5}$
- 3) Write an equation for each circle.

1)



2)



3)

