

Graphing Circles – Standard Form: Day 2

Unit 7: Circles

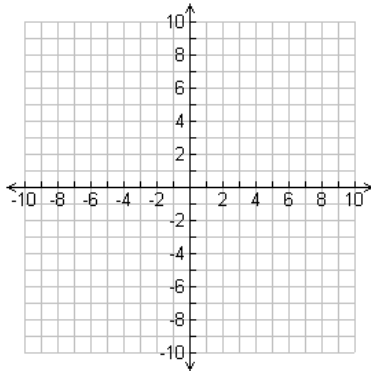
For each of the following:

A. Identify the center of the circle.

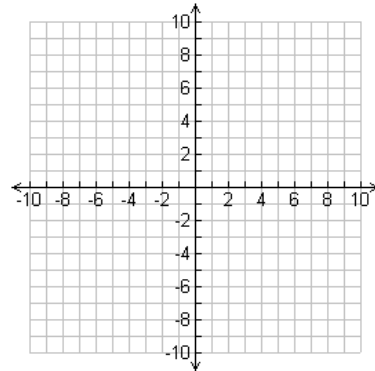
B. Identify the radius of the circle.

C. Graph the circle.

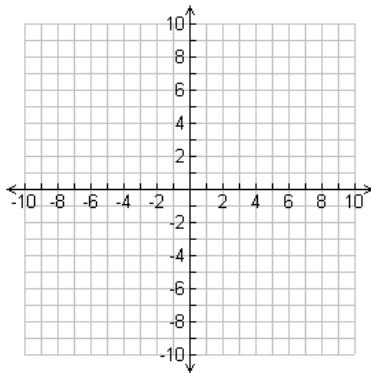
1. $x^2 + y^2 = 36$



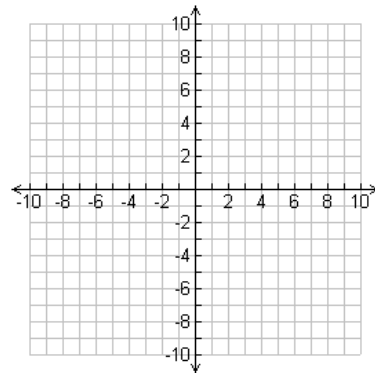
2. $x^2 + y^2 = 81$



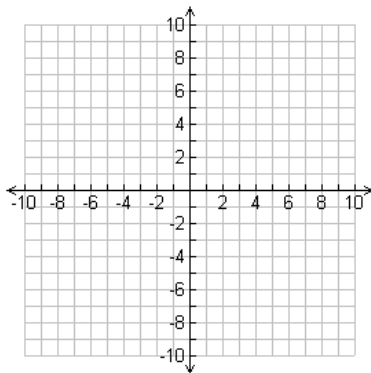
3. $x^2 + y^2 = 100$



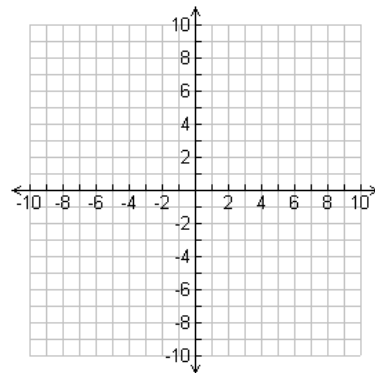
4. $x^2 + y^2 = 25$



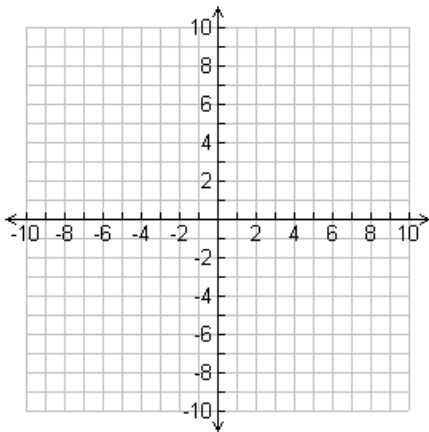
5. $(x - 1)^2 + (y + 4)^2 = 36$



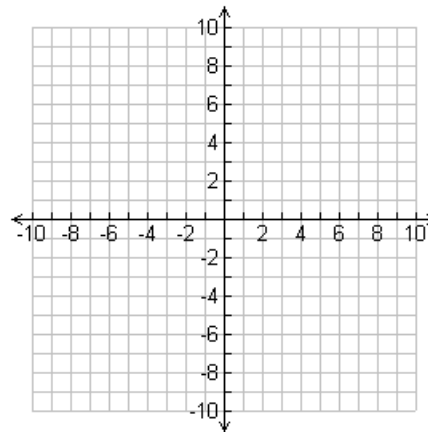
6. $(x - 3)^2 + (y - 3)^2 = 49$



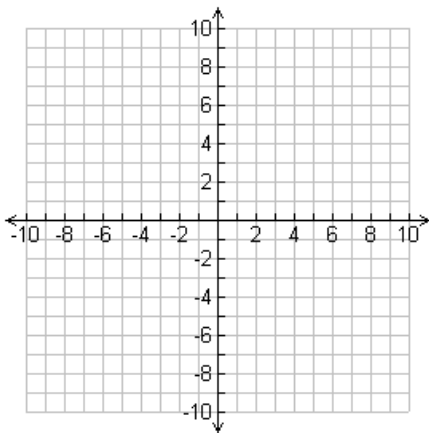
$$7. (x + 8)^2 + (y - 7)^2 = 4$$



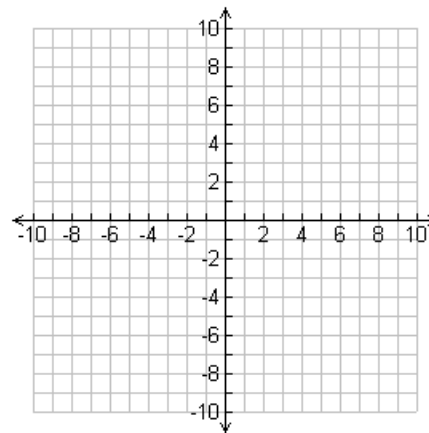
$$8. (x + 1)^2 + (y - 1)^2 = 81$$



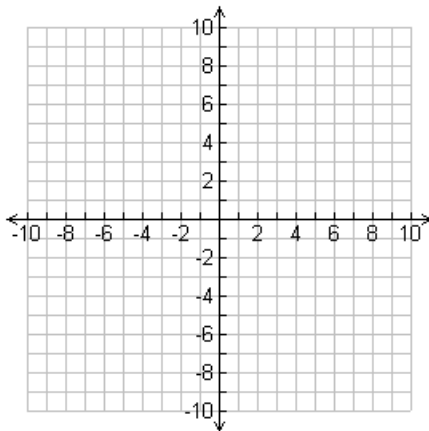
$$9. (x + 6)^2 + y^2 = 16$$



$$10. x^2 + (y + 3)^2 = 25$$



$$11. (x - 4)^2 + (y + 2)^2 = 1$$



$$12. (x - 7)^2 + (y - 2)^2 = 9$$

