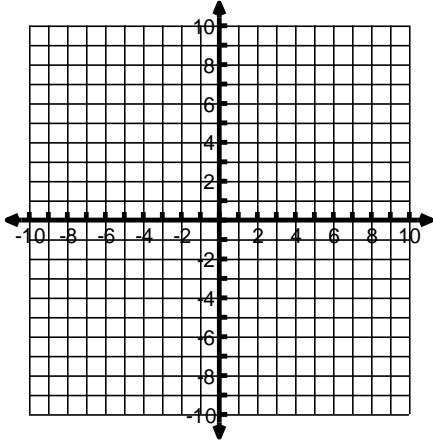
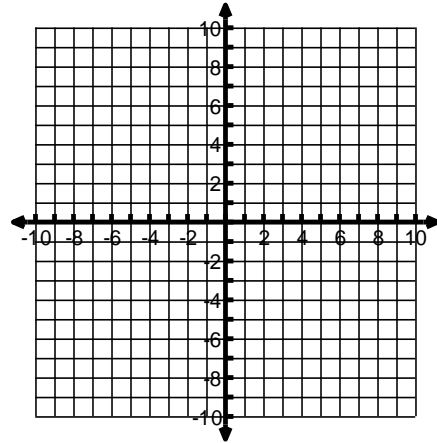


Identify the center and radius of each graph. Then sketch the graph.

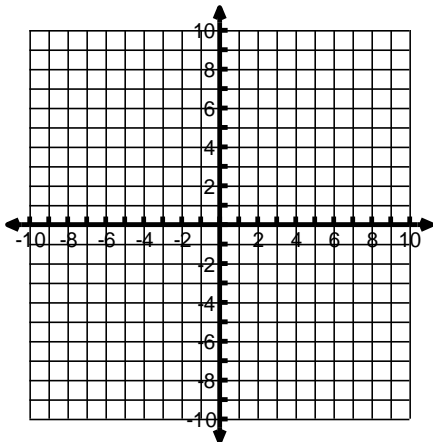
1. $(x-1)^2 + (y+3)^2 = 4$



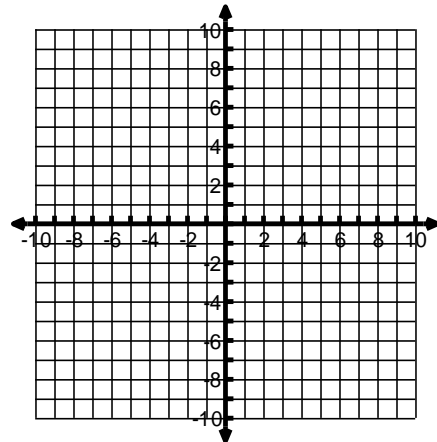
2. $(x-2)^2 + (y+1)^2 = 16$



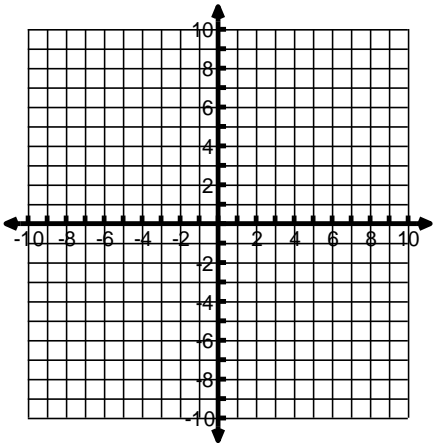
3. $(x-1)^2 + (y+4)^2 = 9$



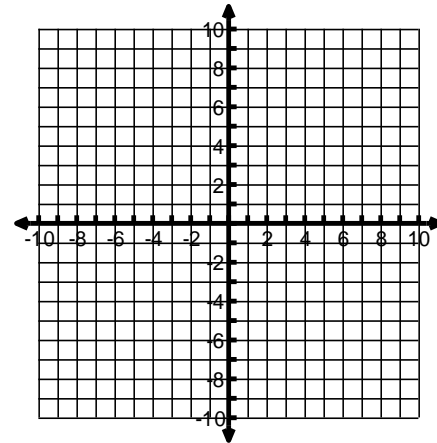
4. $x^2 + (y-3)^2 = 14$



5. $(x+2)^2 + y^2 = 10$



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



From the given information, write the equation of each circle in Standard Form

7. Center (2, -1), radius = 4

8. Center (7, -1), radius = 2

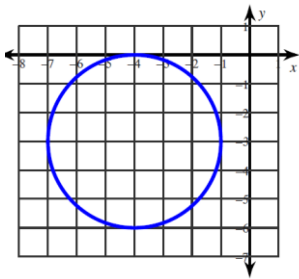
9. Center (3, -2), and (-1, 1) is a point on the circle

10. Ends of a diameter: (18, -3) and (4, -3)

11. Center (2, 3) and Area = 25π

12. Center (-1, 5) and Circumference = 7π

13.



14.

