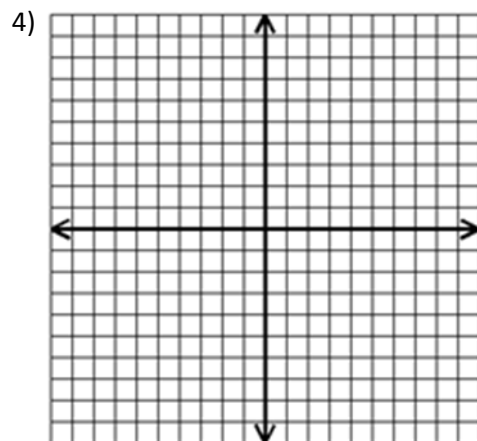
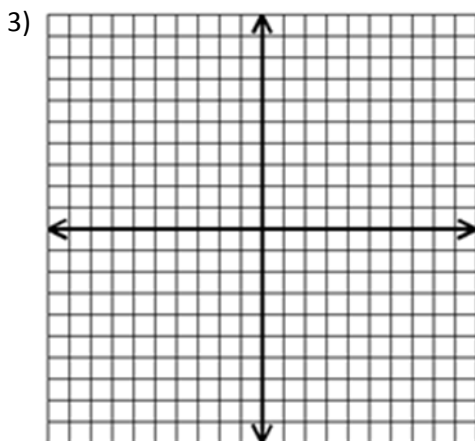
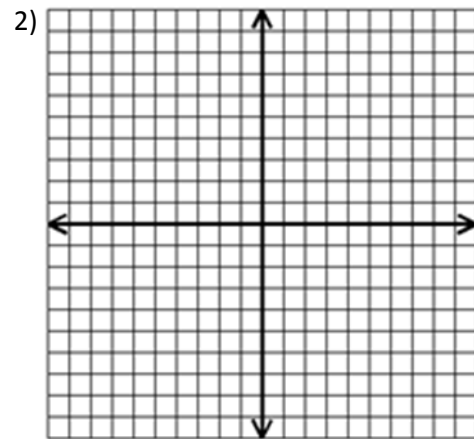
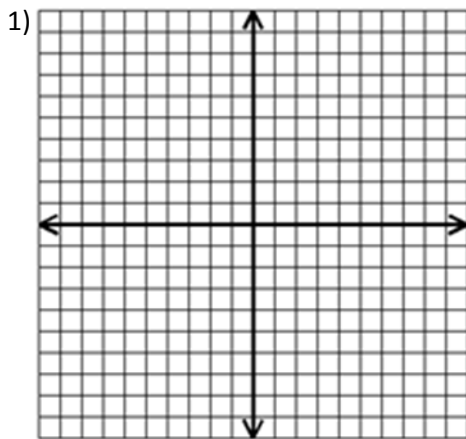


Name: _____ Date: _____ Period: _____

Assignment #1: Circle Equations

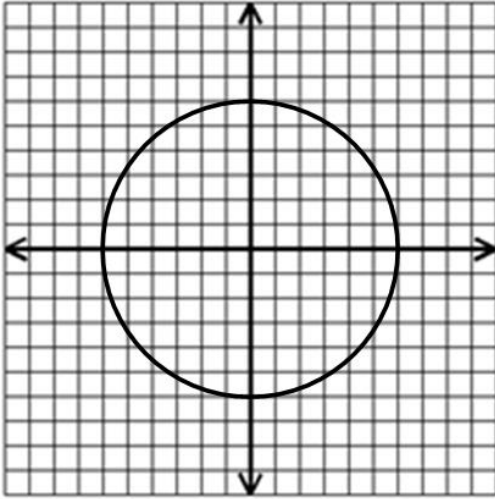
For each of the Descriptions below, write the equation of the circle described and graph the circle on the graphs below.

	<u>Description</u>	<u>Equation of Circle</u>
1)	Center at (2, 5) radius of 4	
2)	Center at (-4, 2) radius of 2	
3)	Center at (0, 0) radius of 3	
4)	Center at (5, -3) radius of 5	

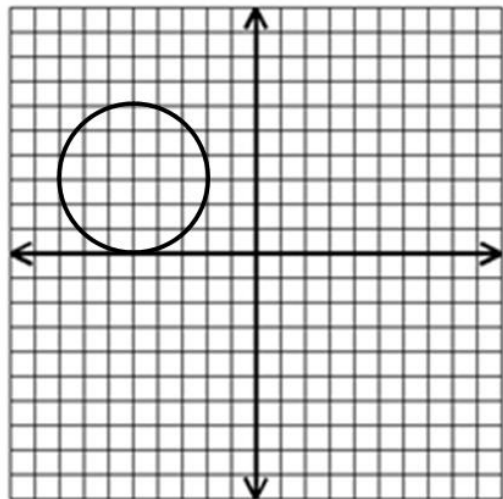


Match the following circles to their correct equation.

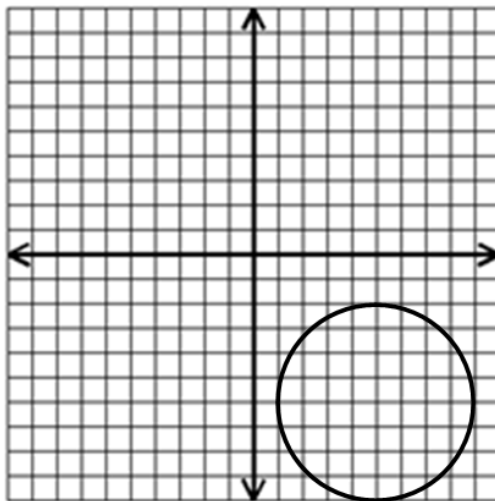
A.



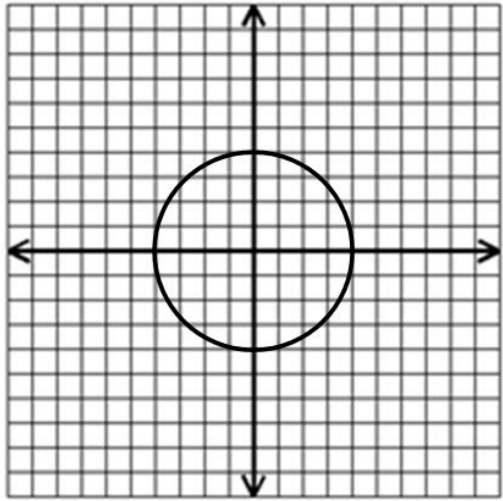
B.



C.



D.



5. _____ $(x - 5)^2 + (y + 6)^2 = 16$

6. _____ $x^2 + y^2 = 36$

7. _____ $(x + 5)^2 + (y - 3)^2 = 9$

8. _____ $x^2 + y^2 = 16$