

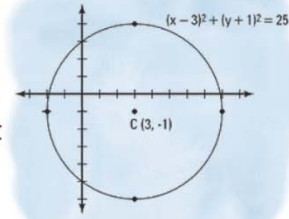
Name : _____

Class : _____



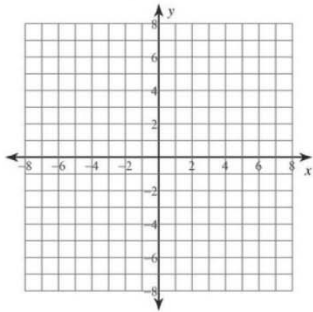
Graphing circle

A circle graph is the intersection graph of a set of chords of a circle.

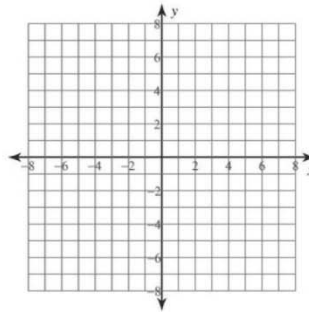


Identify the center and radius of each. Then sketch the graph.

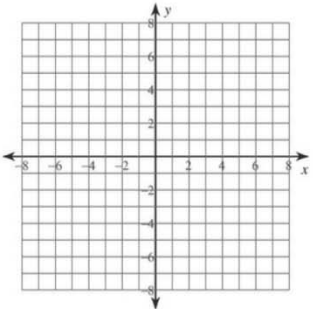
1) $(x-2)^2 + (y-2)^2 = 9$



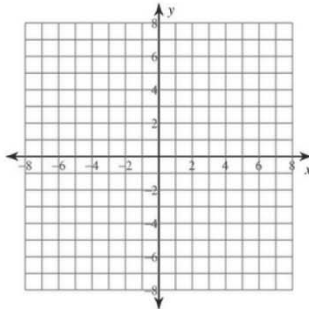
2) $(x+1)^2 + (y-4)^2 = 1$



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



4) $6 = -2x - x^2 - y^2 + 6y$



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

