

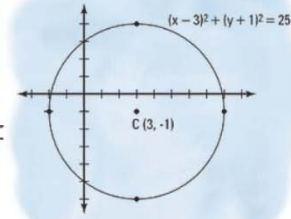
Name :

Class :



Graphing circle

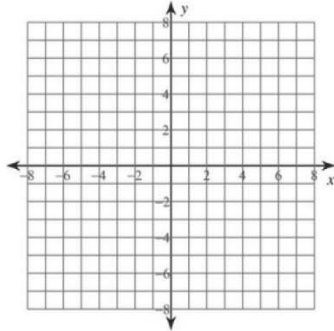
A circle graph is the intersection graph of a set of chords of a circle.



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

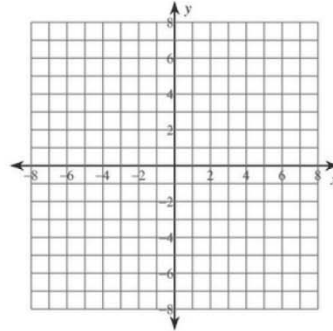
1)

$$y^2 + 4x - 20 - 2y = -x^2$$



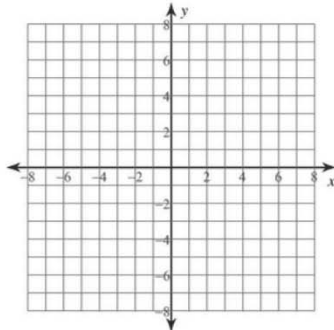
2)

$$-9 = -y^2 - x^2$$



3)

$$9 = 2y - y^2 - 6x - x^2$$



4)

$$16 + x^2 + y^2 - 8x - 6y = 0$$

