

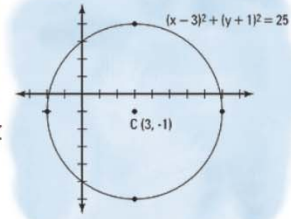
Name :

Class :



# Graphing circle

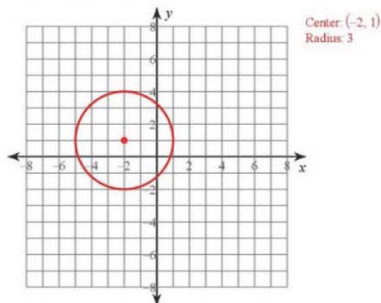
A circle graph is the intersection graph of a set of chords of a circle.



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

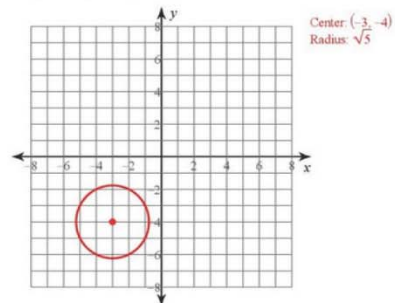
1)

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



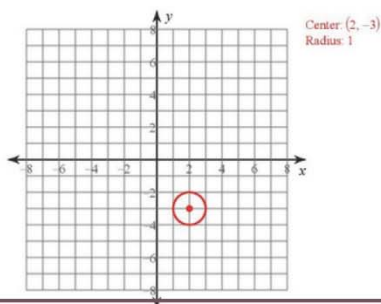
2)

$$(x+3)^2 + (y+4)^2 = 5$$



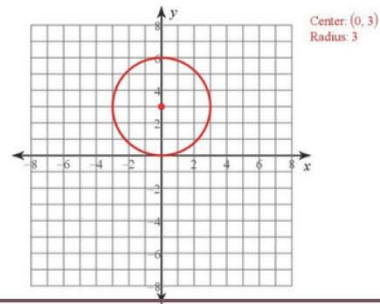
3)

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



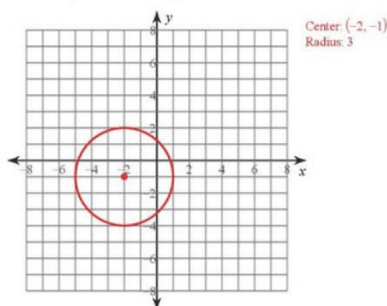
4)

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



5)

$$x^2 + y^2 + 4x + 2y - 4 = 0$$



6)

$$x^2 + y^2 - 4x - 14 = 0$$

