

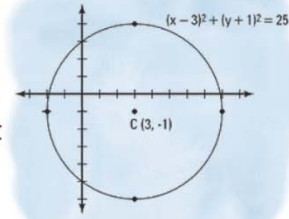
Name :

Class :



# Graphing circle

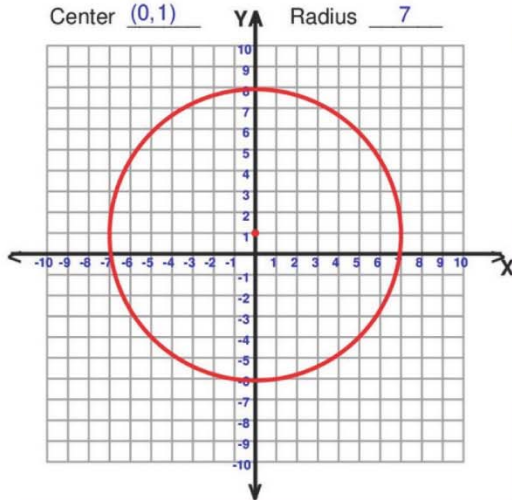
A circle graph is the intersection graph of a set of chords of a circle.



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

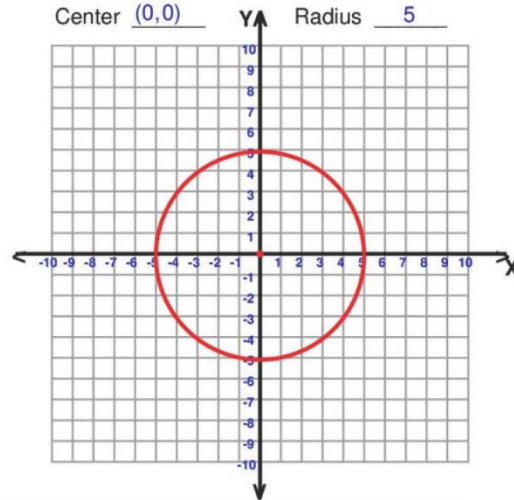
1)  $x^2 + (y - 1)^2 = 49$

Center (0,1) Radius 7



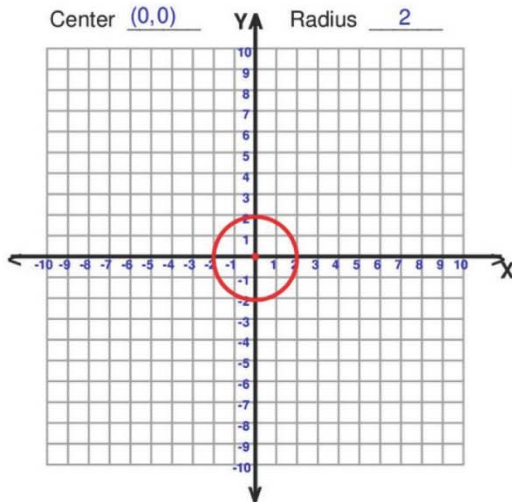
2)  $x^2 + y^2 = 25$

Center (0,0) Radius 5



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

Center (0,0) Radius 2



4)  $(x - 1)^2 + (y - 3)^2 = 16$

Center (1,3) Radius 4

