

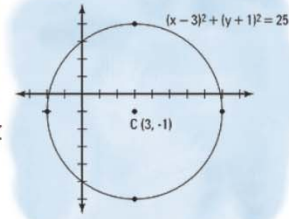
Name : \_\_\_\_\_

Class : \_\_\_\_\_



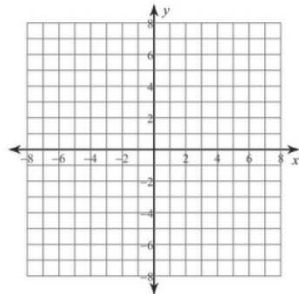
# Graphing circle

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

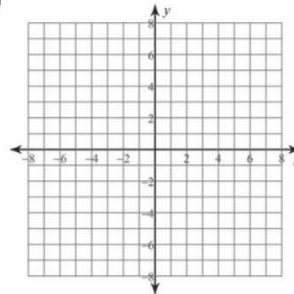


Identify the center and radius of each. Then sketch the graph.

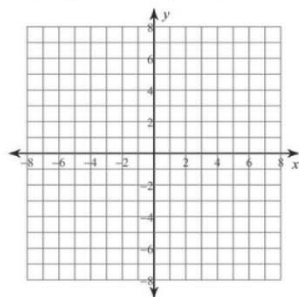
1)  $(x-3)^2 + (y+3)^2 = 4$



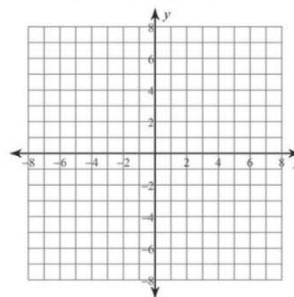
2)  $(x-2)^2 + (y-3)^2 = 5$



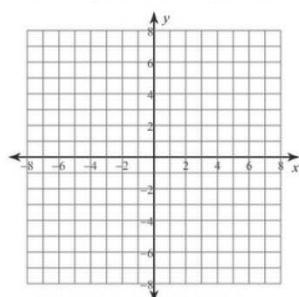
3)  $x^2 + y^2 + 4x + 2y - 11 = 0$



4)  $x^2 + y^2 - 8x + 2y + 13 = 0$



5)  $4x^2 + 4y^2 + 32x - 12y + 37 = 0$



6)  $x^2 + y^2 - 2y\sqrt{15} + 10 = 0$

