

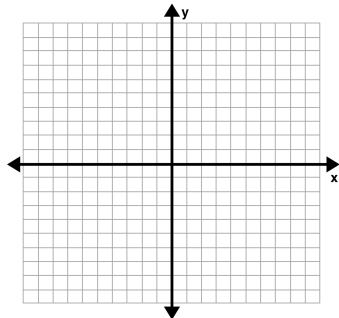
Name: _____



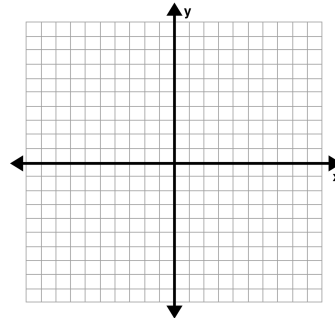
GRAPHING CIRCLES ON THE COORDINATE PLANE

Directions: Plot the center point and sketch the graph of each circle.

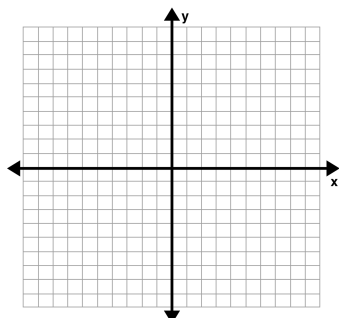
1.) $(x + 3)^2 + (y + 4)^2 = 25$



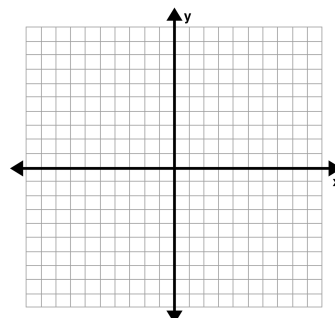
2.) $(x - 2)^2 + (y + 5)^2 = 16$



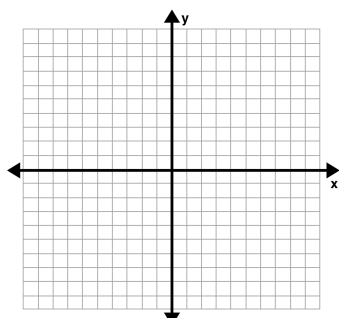
3.) $x^2 + (y - 1)^2 = 49$



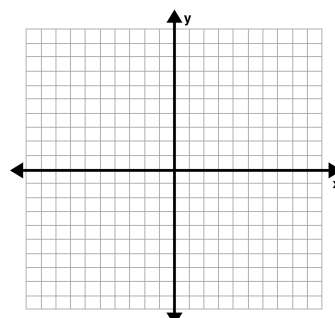
4.) $(x - 4)^2 + y^2 = 9$



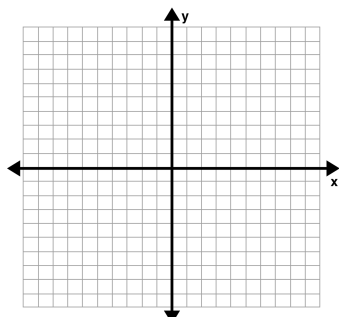
5.) $(x + 3)^2 + (y + 4)^2 = 36$



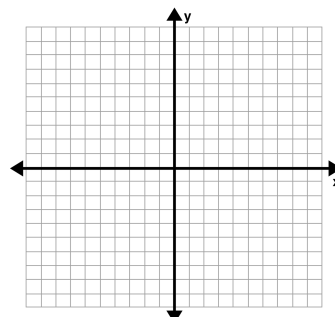
6.) $x^2 + (y - 1)^2 = 64$



7.) $(x - 8)^2 + (y + 7)^2 = 1$

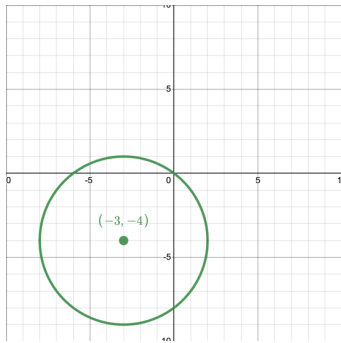


8.) $(x - 2)^2 + (y - 2)^2 = 64$

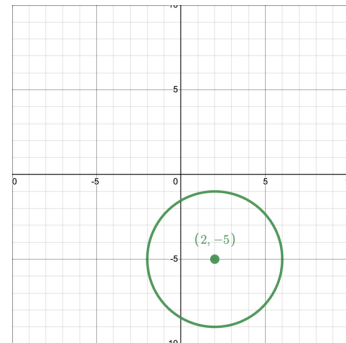


ANSWER KEY

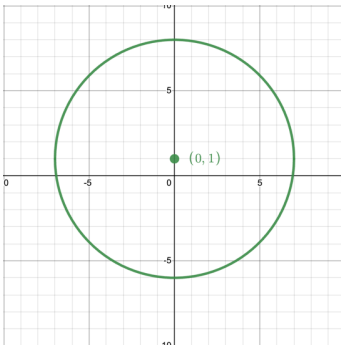
1.)



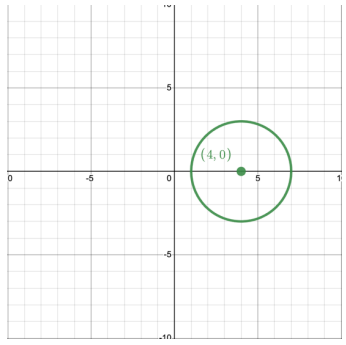
2.)



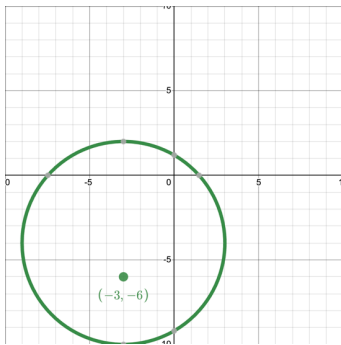
3.)



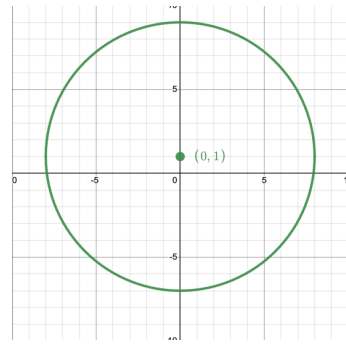
4.)



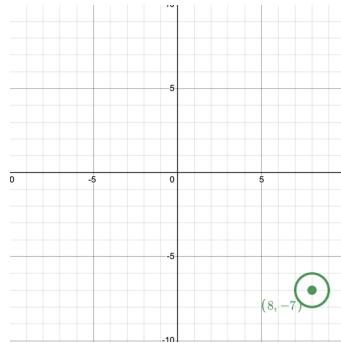
5.)



6.)



7.)



8.)

