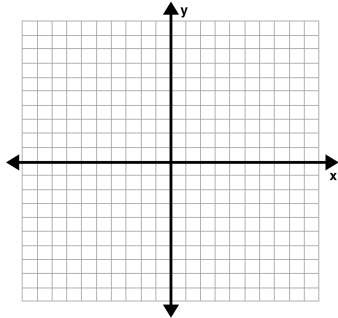


Name: _____

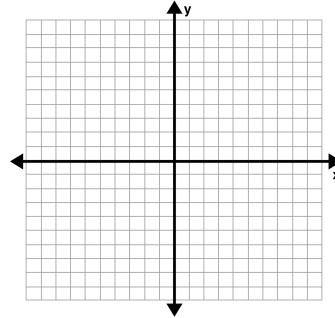
GRAPHING CIRCLES ON THE COORDINATE PLANE

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

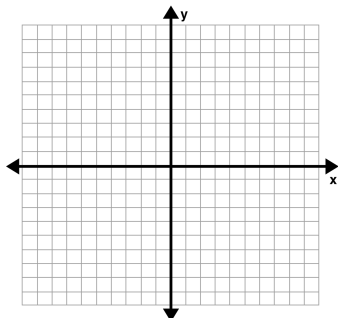
1.) $(x - 2)^2 + (y - 4)^2 = 9$



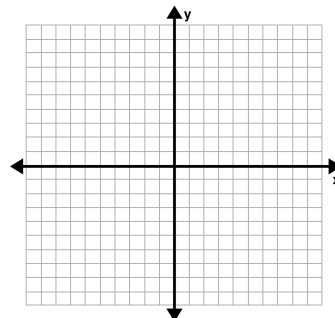
2.) $(x + 1)^2 + (y - 1)^2 = 36$



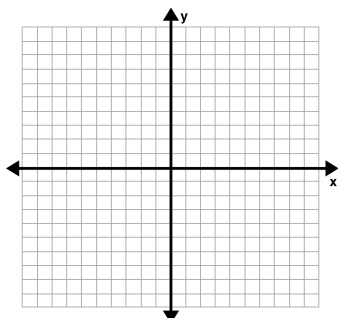
3.) $x^2 + y^2 = 64$



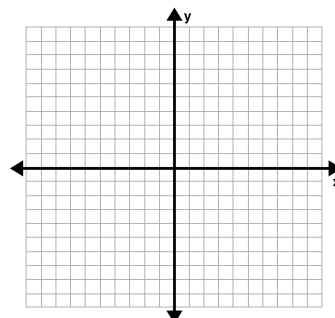
4.) $(x + 3)^2 + y^2 = 36$



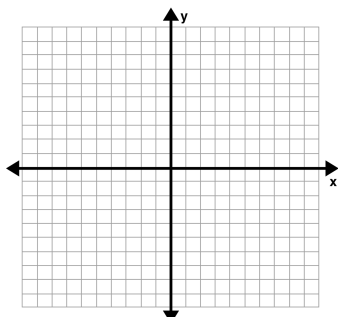
5.) $(x + 2)^2 + (y + 3)^2 = 4$



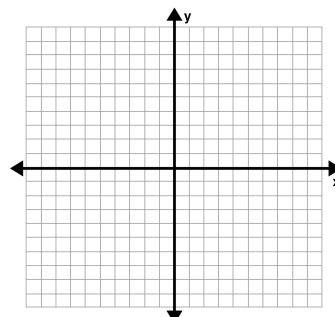
6.) $(x + 4)^2 + (y - 1)^2 = 16$



7.) $(x - 3)^2 + (y + 3)^2 = 16$

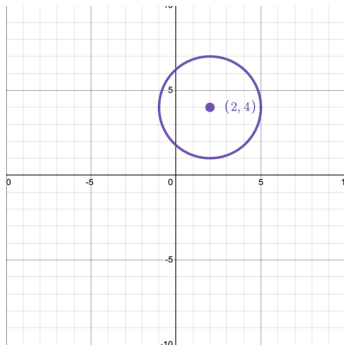


8.) $x^2 + (y + 3)^2 = 25$

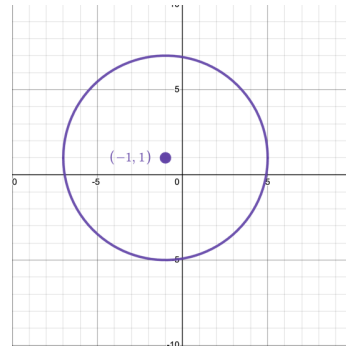


ANSWER KEY

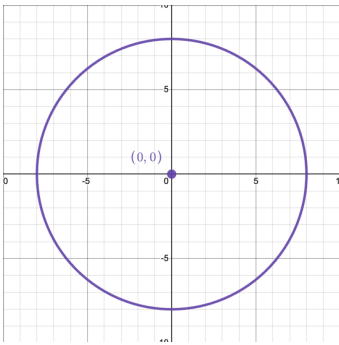
1.)



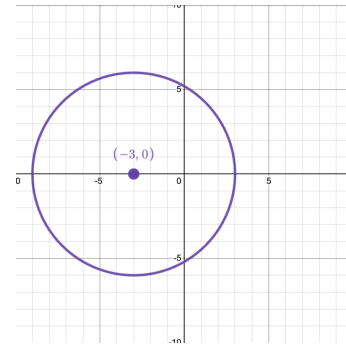
2.)



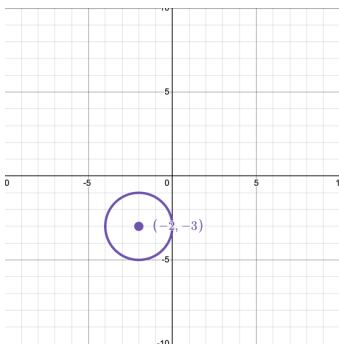
3.)



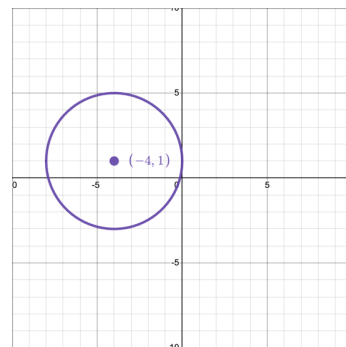
4.)



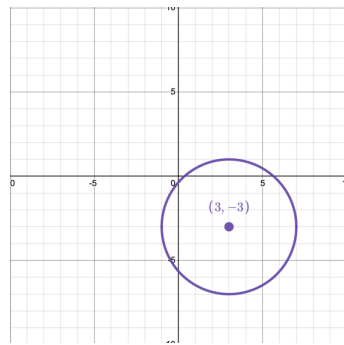
5.)



6.)



7.)



8.)

