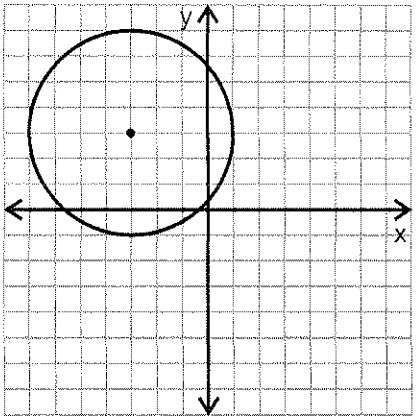
Equation of a Circle - PRACTICE

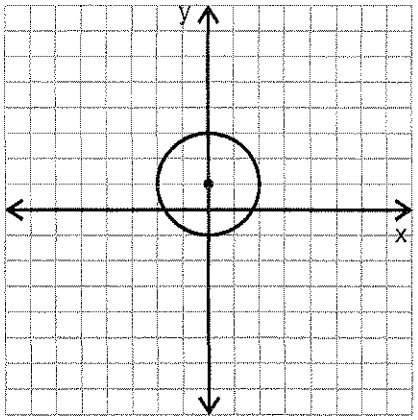
Name_____ Period_____ Date_____

For each circle and its center graphed below, write its equation.

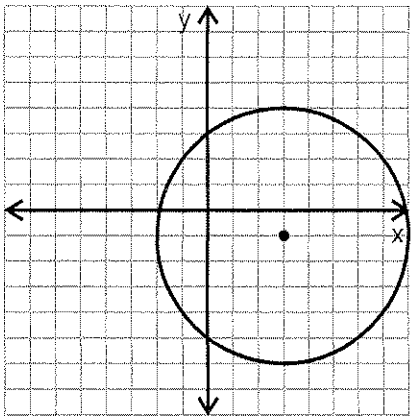
1) _____



2) _____

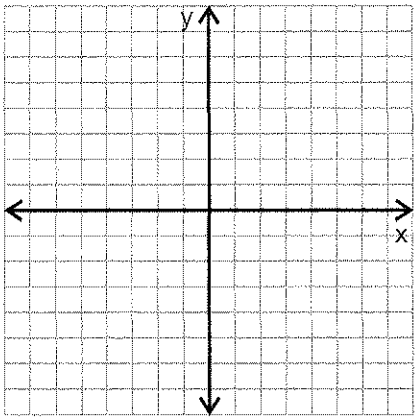


3) _____

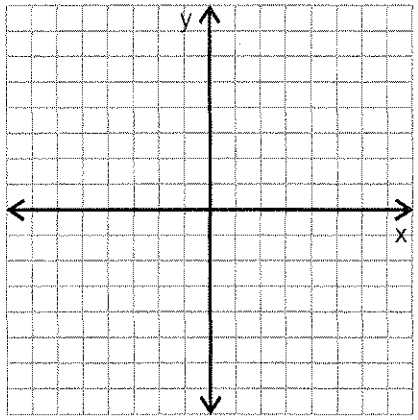


Graph the equation for each circle below.

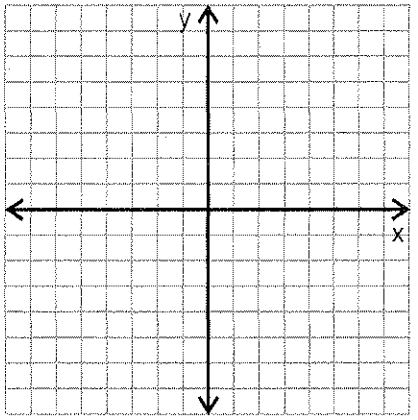
4) $(x-5)^2 + (y+6)^2 = 1$



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



6) $(x-1)^2 + (y+4)^2 = 6.25$



Graph the equations for each circle below and shade in the circles. What famous image have you drawn?

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

$(x+5)^2 + (y-6)^2 = 9$

$(x-5)^2 + (y-6)^2 = 9$