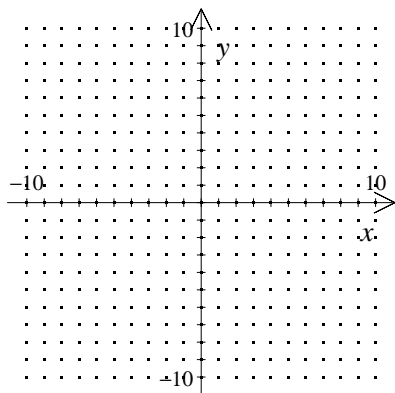


NAME: _____

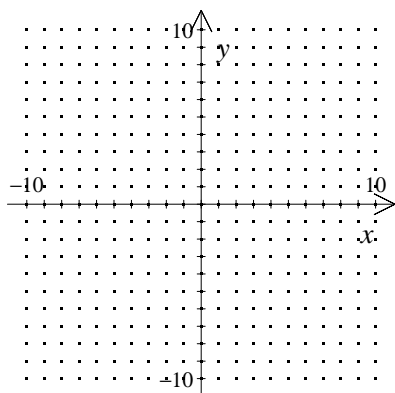
P.I. G.G.74: Graph circles in center-radius form

1. Find the center and radius of the circle. Then graph the circle. $(x-1)^2 + (y-2)^2 = 4$



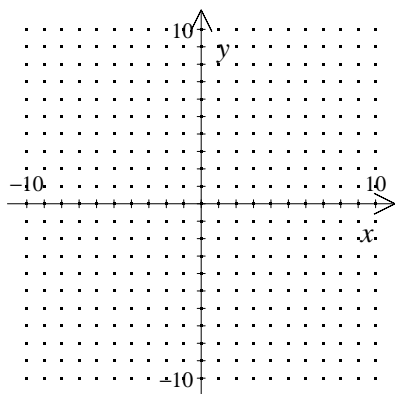
[1] _____

2. Find the center and radius of the circle. Then graph the circle. $(x+2)^2 + (y+4)^2 = 9$



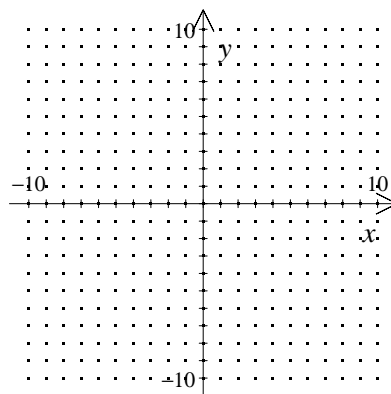
[2] _____

3. Find the center and radius of the circle. Then graph the circle. $(x+1)^2 + (y+3)^2 = 16$



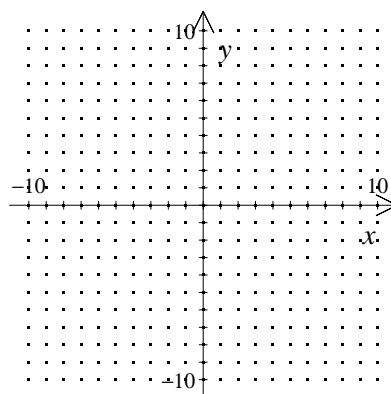
[3] _____

4. Find the center and radius of the circle. Then graph the circle. $(x-4)^2 + (y+3)^2 = 9$



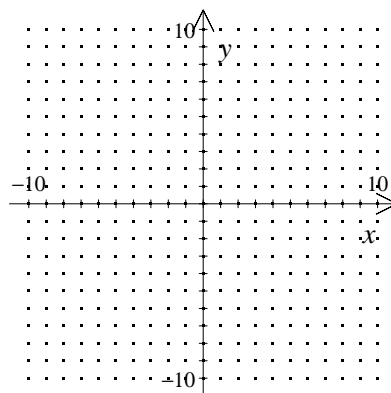
[4] _____

5. Find the center and radius of the circle. Then graph the circle. $(x+1)^2 + (y+2)^2 = 25$



[5] _____

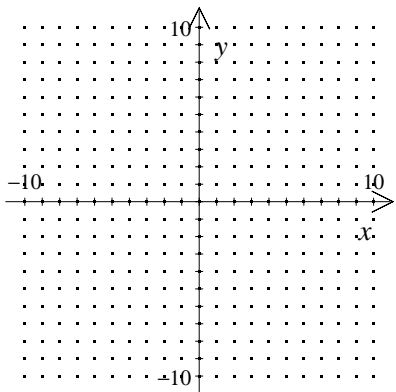
6. Find the center and radius of the circle. Then graph the circle. $(x-4)^2 + (y+2)^2 = 4$



[6] _____

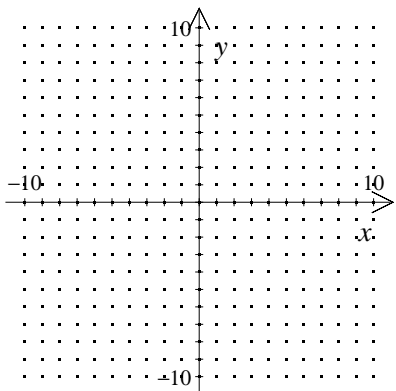
NAME: _____

7. Find the center and radius of the circle. Then graph the circle. $(x-3)^2 + (y+1)^2 = 16$



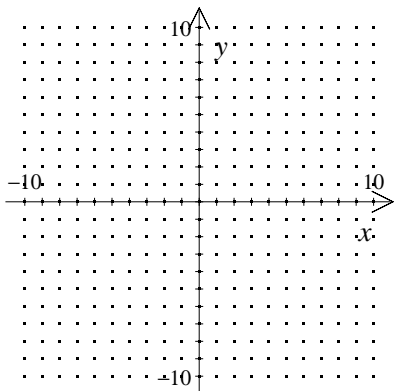
[7] _____

8. Find the center and radius of the circle. Then graph the circle. $(x-1)^2 + (y+2)^2 = 9$



[8] _____

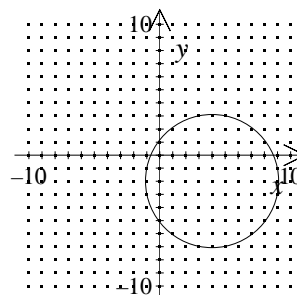
9. Find the center and radius of the circle. Then graph the circle. $(x+4)^2 + (y+3)^2 = 4$



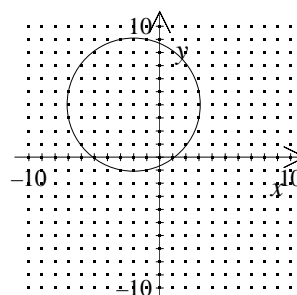
[9] _____

10. Sketch the graph of $(x-2)^2 + (y+4)^2 = 25$

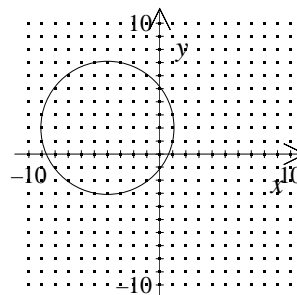
[A]



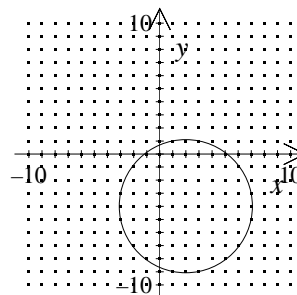
[B]



[C]

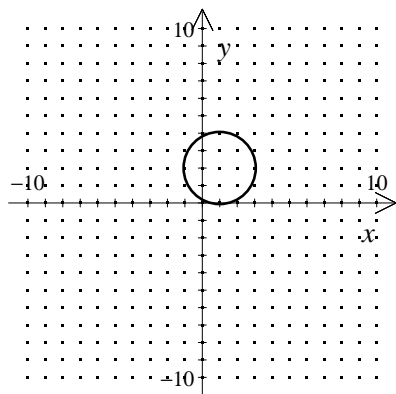


[D]



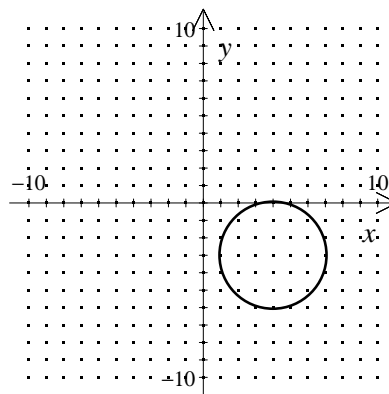
[10] _____

center: $(1, 2)$, radius: 2



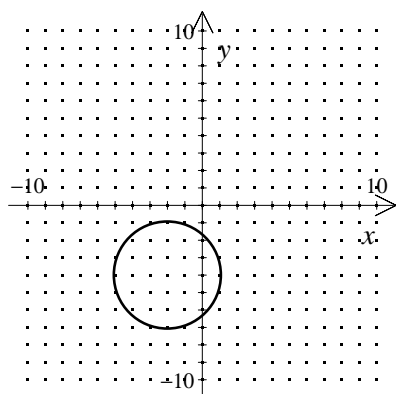
[1]

center: $(4, -3)$, radius: 3



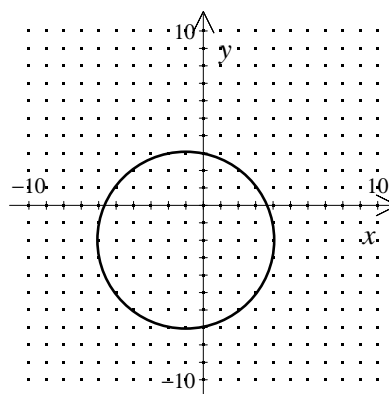
[4]

center: $(-2, -4)$, radius: 3



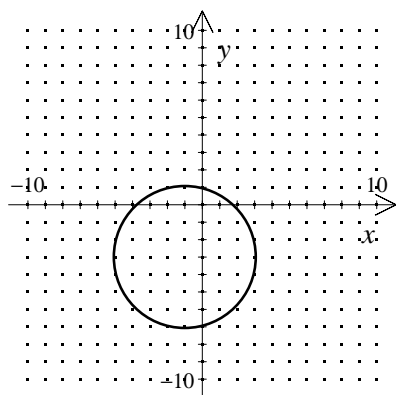
[2]

center: $(-1, -2)$, radius: 5



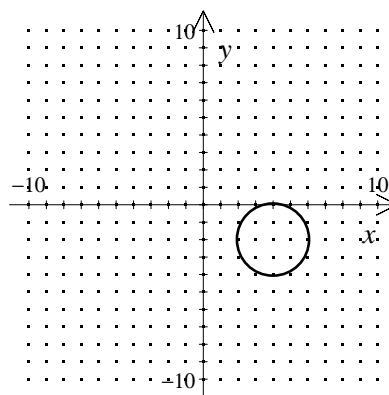
[5]

center: $(-1, -3)$, radius: 4



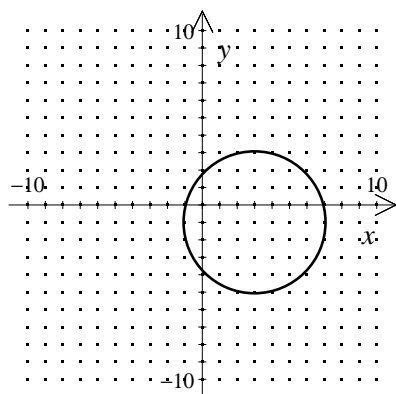
[3]

center: $(4, -2)$, radius: 2



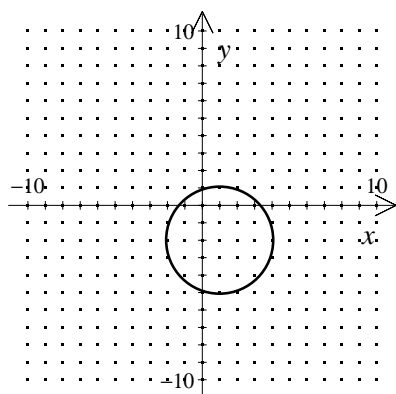
[6]

center: $(3, -1)$, radius: 4



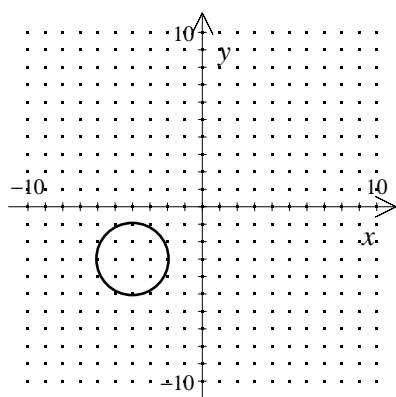
[7]

center: $(1, -2)$, radius: 3



[8]

center: $(-4, -3)$, radius: 2



[9]

[10] D _____