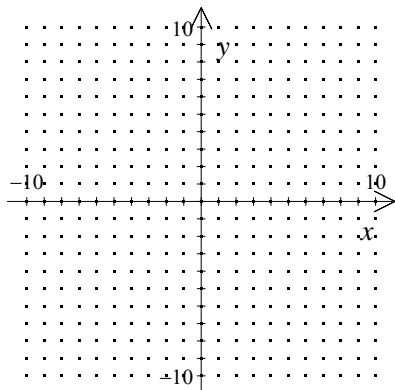


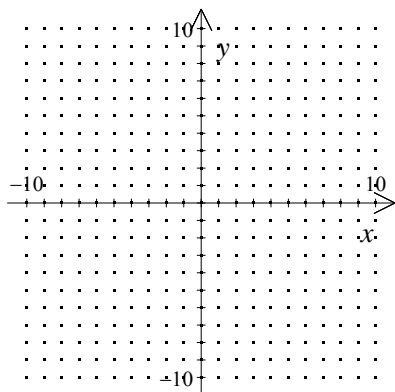
*P.I. G.G.74: Graph circles in center-radius form*

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



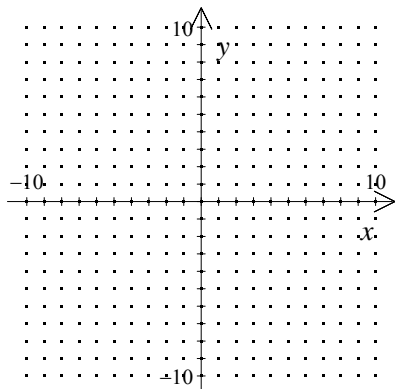
[1] \_\_\_\_\_

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



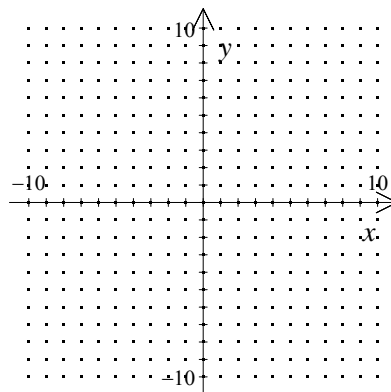
[2] \_\_\_\_\_

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



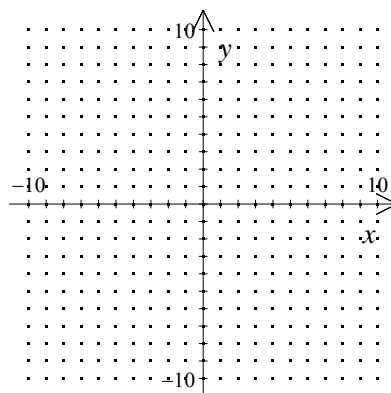
[3] \_\_\_\_\_

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



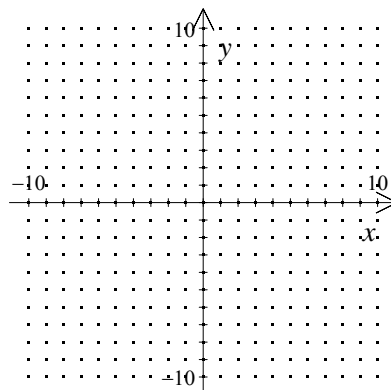
[4] \_\_\_\_\_

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



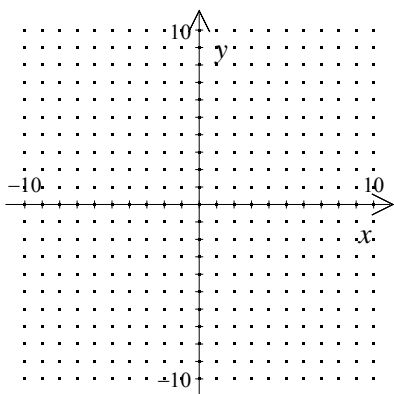
[5] \_\_\_\_\_

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



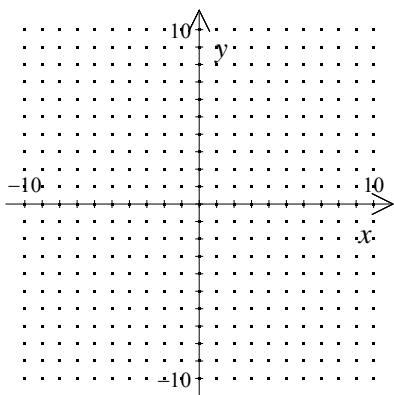
[6] \_\_\_\_\_

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



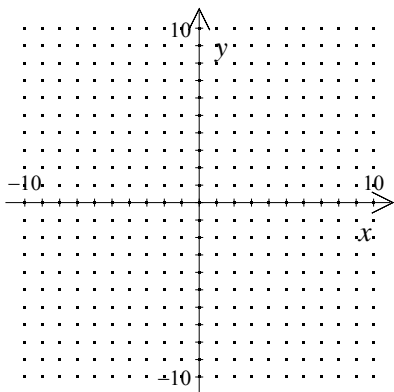
[7] \_\_\_\_\_

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



[8] \_\_\_\_\_

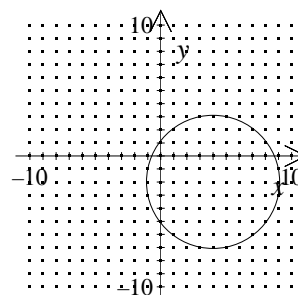
9. Find the center and radius of the circle. Then graph the circle.  $(x+4)^2 + (y+3)^2 = 4$



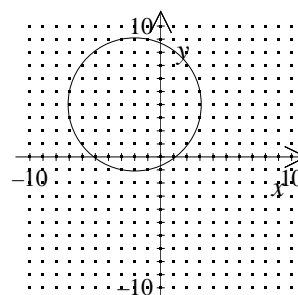
[9] \_\_\_\_\_

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

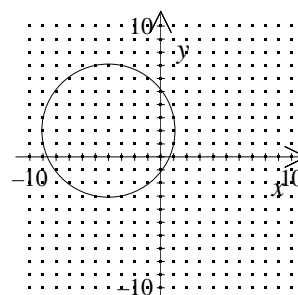
[A]



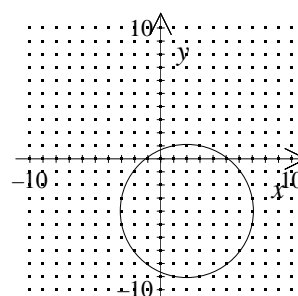
[B]



[C]

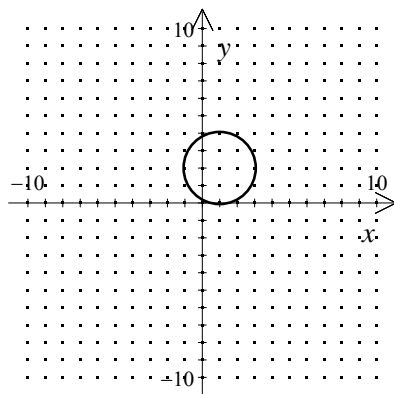


[D]



[10] \_\_\_\_\_

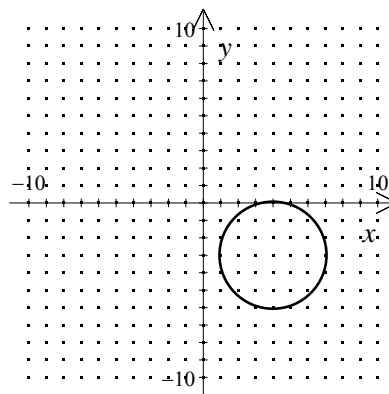
center:  $(1, 2)$ , radius: 2



[1]

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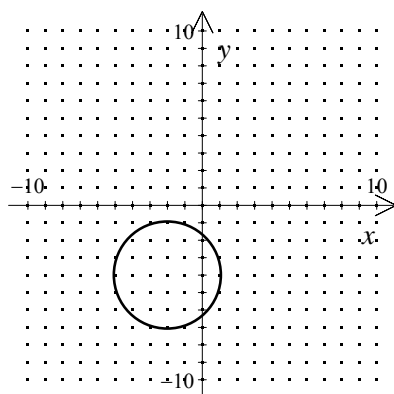
center:  $(4, -3)$ , radius: 3



[4]

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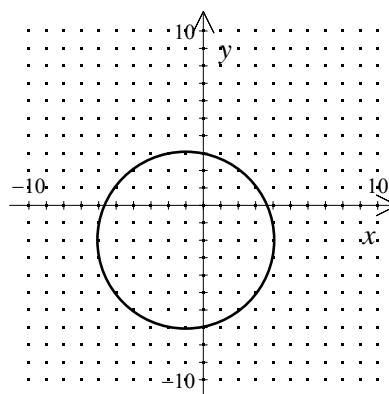
center:  $(-2, -4)$ , radius: 3



[2]

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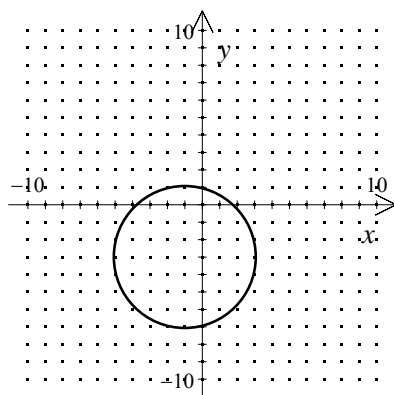
center:  $(-1, -2)$ , radius: 5



[5]

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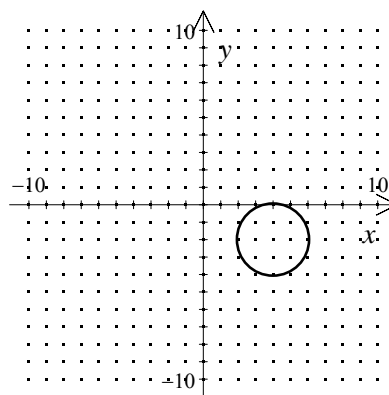
center:  $(-1, -3)$ , radius: 4



[3]

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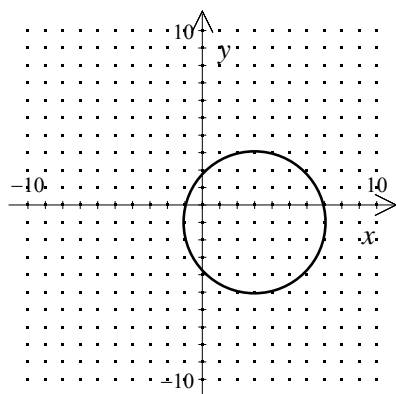
center:  $(4, -2)$ , radius: 2



[6]

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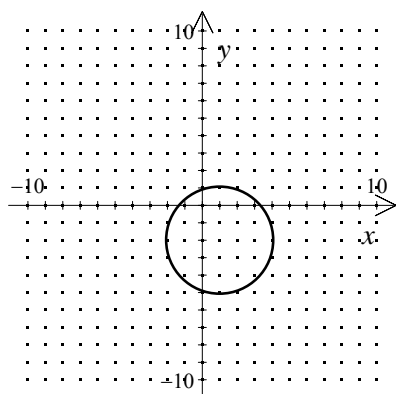
center:  $(3, -1)$ , radius: 4



[7]

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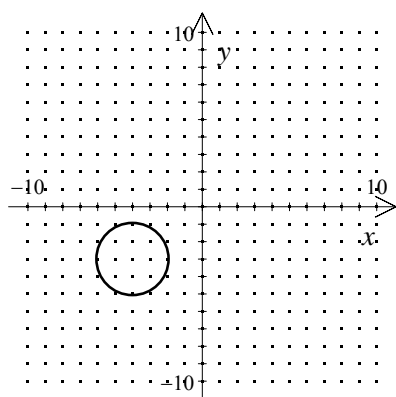
center:  $(1, -2)$ , radius: 3



[8]

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



[9]

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[10] D \_\_\_\_\_