

Question 1 (1 point)

What is the center of a circle whose equation is

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

?

☐ (-1, 3)

☐ (3, -1)

☒ (1, -3)

☐ (-3, 1)

Question 2 (1 point)

What is the radius of the circle with the equation:

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

3



Save

Question 3 (1 point)

Write the equation for a circle with a center at (-1, 0) and a diameter of 8.



² +



² =



Save

Question 4 (1 point)

Given: Circle O with diameter CD . $C(-7, -4)$ and $D(1, 2)$.

Create the equation of this circle.

$\checkmark$ $^2 +$
 $\checkmark$ $^2 =$ $\checkmark$

Save

Question 5 (1 point)

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Circle O has a center at $(-2, -2)$ and a diameter of 10 units. What point lies on circle O ?

- ☐ $(-6, -5)$
- ☐ $(-2, -2)$
- ☐ $(6, 4)$
- ☐ $(8, 8)$