

Quiz: Graphs of Circles

1. Write the equation of a circle whose diameter is 10 and whose center is at (-1, -3)?
2. What are the coordinates of the center of this circle?  
 $(x + 4)^2 + (y - 5)^2 = 16$ .
3. Write the equation of a circle that has a center at (0, -4) and diameter of 16?
4. The point (3, -3) is on the circle whose equation is  $(x - 3)^2 + (y - 2)^2 = 25$ . (True or False)
5. Write the equation of a circle whose radius is 6 and whose center is at the origin?
6. What are the coordinates of the center of this circle?  
 $(x)^2 + (y - 3)^2 = 49$ .
7. Write the equation of a circle that has a center at (3, -1) and radius of 9?
8. Write the equation of a circle whose diameter is 14 and whose center is at (-2, 4)?
9. The point (-5, 0) is on the circle whose equation is  $(x - 2)^2 + (y)^2 = 49$ . (True or False)
10. Write the equation of a circle that has a center at (1, -3) and radius of 13?

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%