

Quiz: Graphs of Circles

1 Write the equations of a circle, which has center at (5, -4) and radius of 5?

2 What is the equation of a circle whose diameter is 32 and whose center is at the origin?

3 An ambulance company located at (0, 0), provides services within a 42 mile radius, write the equation for its service area?

4 Given the equation of a circle, $(x-5)^2+(y+3)^2 =144$, What is the Radius?

5 Write the equations of a circle, which has center at (6, -2) and radius of 6?

6 What is the equation of a circle whose diameter is 30 and whose center is at the origin?

7 Write the equations of a circle, which has center at (4, -1) and radius of 8?

8 What is the equation of a circle whose diameter is 36 and whose center is at the origin?

9 An ambulance company located at (0, 0), provides services within a 48 mile radius, write the equation for its service area?

10 Given the equation of a circle, $(x-5)^2+(y+6)^2 =169$, What is the Radius?

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%