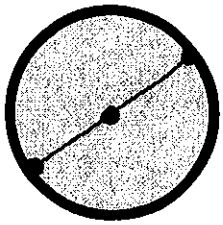
Math 3 "CIRCLES" ACT. #55

WRITE the EQUATION IN STANDARD FORM.



1) Find the equation of a circle whose center is at (-2, - 5) and radius 4.

2) Find the equation of a circle that has a diameter with the endpoints given by the points A (6, 7) and B (-5, -8).

3) Find the equation of a circle whose center is at the origin AND radius $2\sqrt{3}$.

4) Find the equation of a circle that has a diameter with the endpoints given by the points A (2, -2) and B (-3, 3).

5) Find the equation of a circle whose center is at the origin AND passing through (4,3)

6) Find the equation of a circle that has a diameter with the endpoints given by the points A (-4, 1) and B (4, 2).

7) Find the equation of a circle whose center is at (5, - 6) and radius 3.

8) Find the equation of a circle that has a diameter with the endpoints given by the points A (-5, 7) and B (-8, 5).

9) Find the equation of a circle whose center is at (-6, - 3) and radius 7.

10) Find the equation of a circle that has a diameter with the endpoints given by the points A (-4, 9) and B (-2, -3).

11) FIND the equation of a circle that has a center at (3, -4) AND passes through (6,2).

12) FIND the equation of a circle that has center at (5,1) AND A POINT ON the circle (8,-2).