Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Graph Me a Circle Picture!**

On the graph paper provided, you must create a picture using circles.

* You MUST complete FIVE circles in your picture.
* Give the equation of your circles.
* Label the center and radius of each circle.
* Rewrite equation of circle into general form
* Color your picture
* Be creative and have fun.

EQUATION OF CIRCLE 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CENTER OF CIRCLE 1: \_\_\_\_\_\_\_\_\_\_\_\_

RADIUS OF CIRCLE 1: \_\_\_\_\_\_\_\_\_\_\_\_

GENERAL FORM OF CIRCLE 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EQUATION OF CIRCLE 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CENTER OF CIRCLE 2: \_\_\_\_\_\_\_\_\_\_\_\_

RADIUS OF CIRCLE 2: \_\_\_\_\_\_\_\_\_\_\_\_

GENERAL FORM OF CIRCLE 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EQUATION OF CIRCLE 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CENTER OF CIRCLE 3: \_\_\_\_\_\_\_\_\_\_\_\_

RADIUS OF CIRCLE 3: \_\_\_\_\_\_\_\_\_\_\_\_

GENERAL FORM OF CIRCLE 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EQUATION OF CIRCLE 4: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CENTER OF CIRCLE 4: \_\_\_\_\_\_\_\_\_\_\_\_

RADIUS OF CIRCLE 4: \_\_\_\_\_\_\_\_\_\_\_\_

GENERAL FORM OF CIRCLE 4: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EQUATION OF CIRCLE 5: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CENTER OF CIRCLE 5: \_\_\_\_\_\_\_\_\_\_\_\_

RADIUS OF CIRCLE 5: \_\_\_\_\_\_\_\_\_\_\_\_

GENERAL FORM OF CIRCLE 5: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

