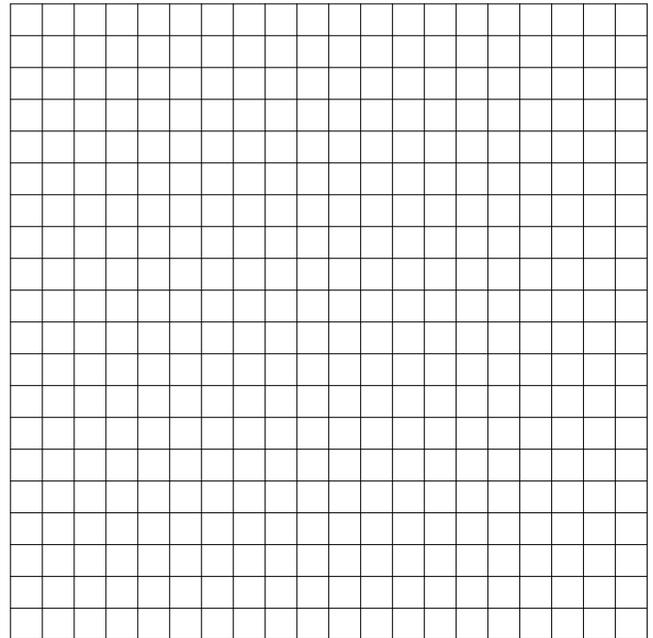
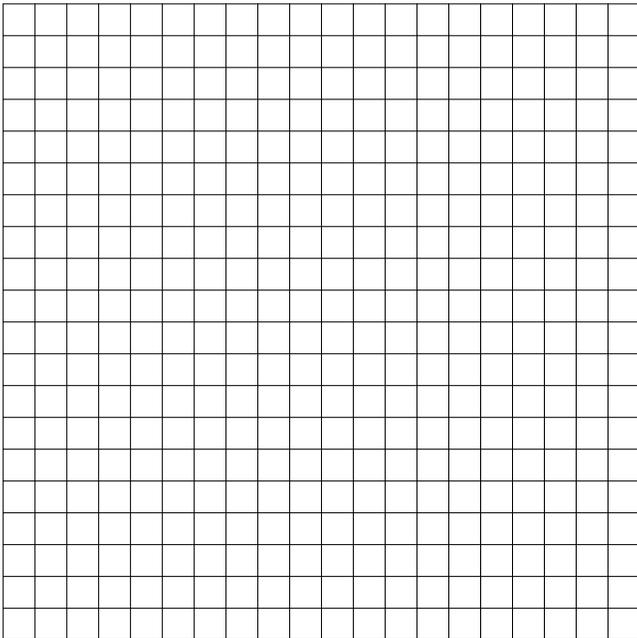


Algebra II Class Worksheet #5 Unit 7 page 1 _____

Identify each equation as that of a circle, ellipse, hyperbola, or parabola. Express the equation in standard form and sketch its graph. Show your work neatly organized.

1. $x^2 + y^2 - 6x + 2y - 15 = 0$

2. $16x^2 + 9y^2 + 64x - 54y + 1 = 0$



Algebra II Class Worksheet #5 Unit 7 page 2

Identify each equation as that of a circle, ellipse, hyperbola, or parabola. Express the equation in standard form and sketch its graph. Show your work neatly organized.

3. $9x^2 - 4y^2 - 54x - 8y + 41 = 0$

4. $y^2 + 4x - 4y - 8 = 0$

