Worksheet - Graphing Quadratics
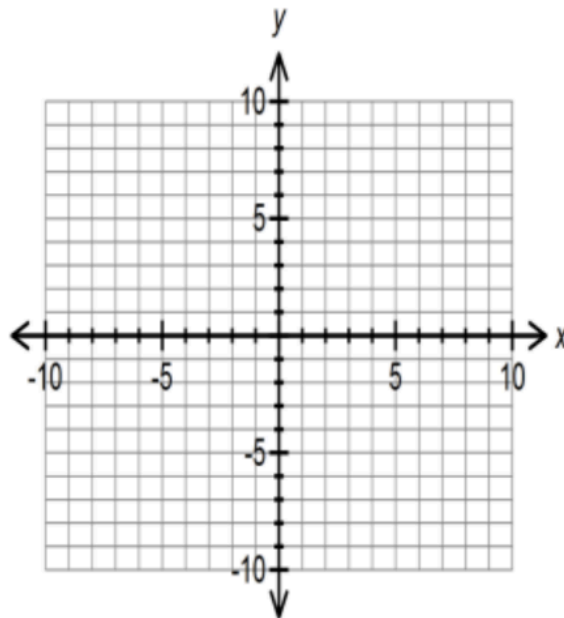
<u>Directions</u>: Please graph the following quadratic function. Find the zeros with the QUADRATIC FORMULA. Show your work for finding the vertex, axis of symmetry and y-intercept.

Roots	Axis of Symmetry	Vertex	y-intercept	Refl y-int

1. $y = -x^2 + 3x + 4$

Roots	Axis of Symmetry	Vertex	y-intercept	Refl y-int

2. $y = \dfrac{1}{2}x^2 - 3x + 3$