AA PREP—GRAPHING QUADRATIC FUNCTIONS IN STANDARD FORM—WORKSHEET #1

For each quadratic function, identify the vertex, axis of symmetry, x-intercepts, and y-intercepts. Graph!

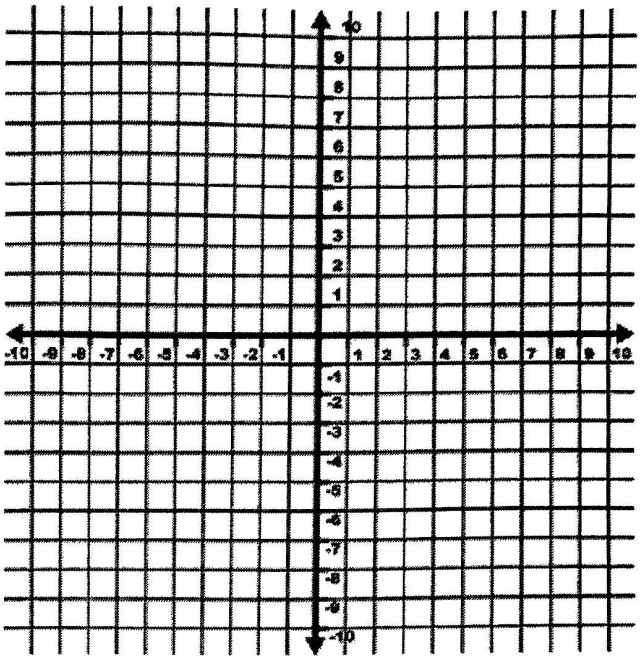
1. $y = x^2 - 4x - 5$

Vertex: _____

Axis of Symmetry: _____

X-Intercepts: _____

Y-Intercept: _____



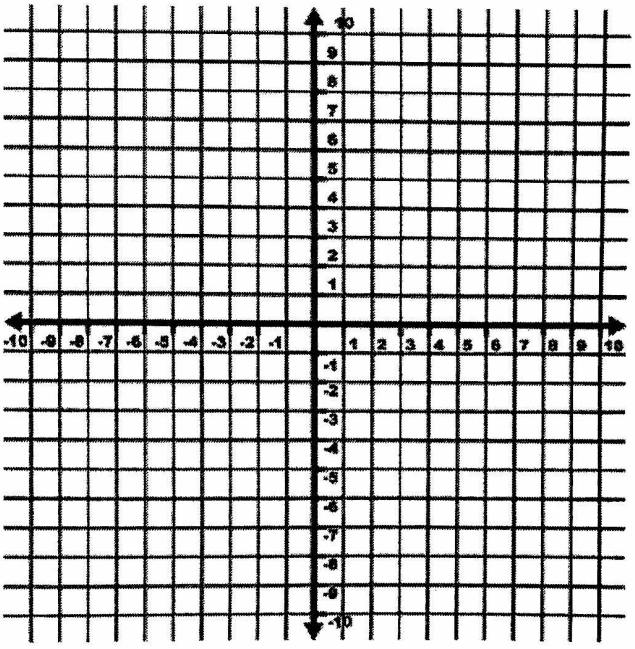
2. $y = -x^2 + 4$

Vertex: _____

Axis of Symmetry: _____

X-Intercepts: _____

Y-Intercept: _____



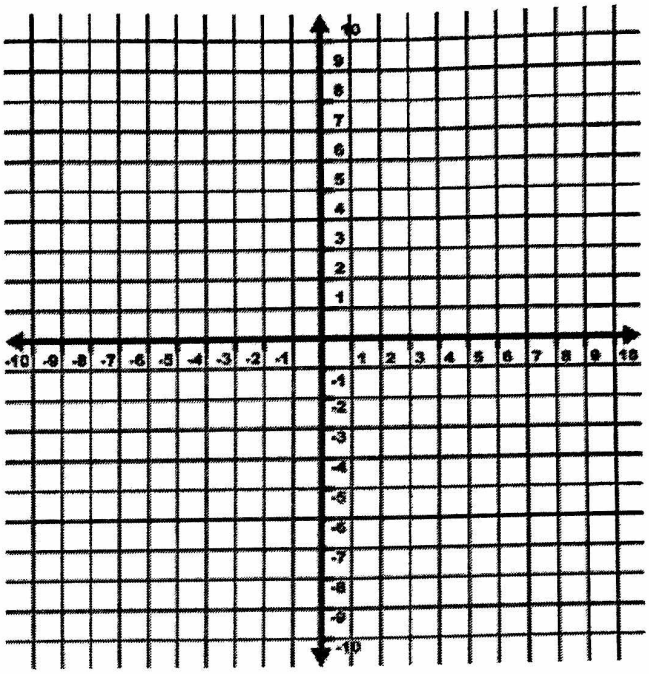
3. $y = x^2 + 6x$

Vertex: _____

Axis of Symmetry: _____

X-Intercepts: _____

Y-Intercept: _____



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

Vertex: _____

Axis of Symmetry: _____

X-Intercepts: _____

Y-Intercept: _____

