

Graphing Quadratic Functions

Period _____ Group _____

For each quadratic a) Find the Axis of Symmetry b) Find the Vertex c) Set up a table of values with 5 points d) sketch the graph e) approximate the roots

1) $y = x^2 + 4x + 6$

2) $y = x^2 - 4x + 8$

3) $y = x^2 - 4x + 7$

4) $y = -x^2 - 2x - 4$

5) $y = x^2 + 8x + 17$

6) $y = 3x^2 - 24x + 47$

7) $y = x^2 - 2x$

8) $y = -3x^2 - 24x - 52$

9) $y = 2x^2 + 4x$

10) $y = 3x^2 - 12x + 15$

Answers to Graphing Quadratic Functions (ID: 2)

