Name: _____ Date: _____

Quadratic Graphing - Easy

1. Graph: $y = -(x +3)(x +2)$
2. Graph: $y = -2(x +1)^2 -4$
3. Graph: $y = (x -3)(x +1)$
4. Graph: $y = -(x +3)(x +0)$
5. Graph: $y = -(x +1)^2 +0$
6. Graph: $y = -(x -1)(x -3)$
7. Graph: $y = x^2 -1x +4$
8. Graph: $y = x^2 +4x -1$

Quadratic Graphing - Easy - Answer Key

1. Graph: $y = -(x +3)(x +2)$

   Vertex: (-2.5, 0.25), x-intercepts: [-3.0, -2.0], y-intercept: -6

2. Graph: $y = -2(x +1)^2 -4$

   Vertex: (-1.0, -4.0), y-intercept: -6

3. Graph: $y = (x -3)(x +1)$

   Vertex: (1.0, -4.0), x-intercepts: [-1.0, 3.0], y-intercept: -3

4. Graph: $y = -(x +3)(x +0)$

   Vertex: (-1.5, 2.25), x-intercepts: [-3.0, -0.0], y-intercept: 0

5. Graph: $y = -(x +1)^2 +0$

   Vertex: (-1.0, 0.0), x-intercepts: [-1.0], y-intercept: -1

6. Graph: $y = -(x -1)(x -3)$

   Vertex: (2.0, 1.0), x-intercepts: [1.0, 3.0], y-intercept: -3

7. Graph: $y = x^2 -1x +4$

   Vertex: (0.5, 3.75), y-intercept: 4

8. Graph: $y = x^2 +4x -1$

   Vertex: (-2.0, -5.0), x-intercepts: [-4.23606797749979, 0.2360679774997898], y-intercept: -1