

Unit 5, Day 8, Day Of Homework, Sketching Quadratics with the Roots:

Directions: Factor completely (find the product), use Zero Product Property to find the roots (x-intercepts). Choose 4 equations to sketch, using either the y-intercept or vertex with the roots/zeros/x-intercepts.

1.) $x^2 - 4x - 60 = 0$

2.) $x^2 - x + 0 = 0$

3.) $x^2 + 12x + 32 = 0$

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

5.) $x^2 - 14x + 45 = 0$

6.) $x^2 - 14x + 24 = 0$