

Graphing from Factored Form of a Quadratic Equation

Example: $f(x) = 2(x - 3)(x + 2)$

x-intercepts:

1. Find the x-intercepts using _____.

Line of symmetry:

2. Find the line of symmetry by _____

_____.

Vertex:

3. Find the vertex by

_____.

y-intercept:

4. Find the y-intercept by _____

_____.

5. You may need to plug in a few other inputs to fill in the parabola. Use the _____ to help graph.

