

Quadratic Functions 1 of 5 - Graphs

Graph each of the following. You must include all of the following information. Be sure to label everything in your work and on your graph:

- Vertex
- Table of Values
- Axis of Symmetry
- Y-intercept (exact)
- X-intercept (exact if possible, otherwise read off the graph)

1. $f(x) = x^2 - 2x - 15$

2. $f(x) = -6x^2 + 2x - 8$

3. $f(x) = x^2 + x + 8$

4. $f(x) = -2x^2 + 4x - 16$