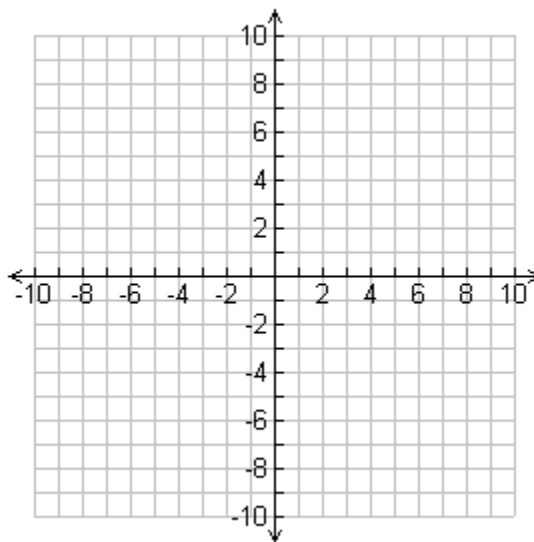
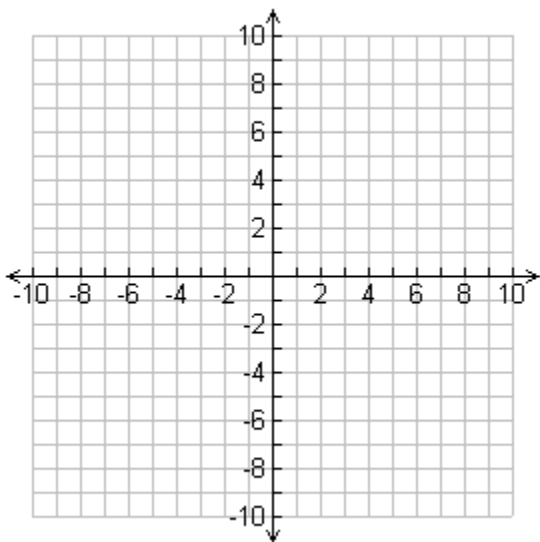


Graphing Quadratics – By Factoring
Unit 2A: Quadratic Functions – Representations

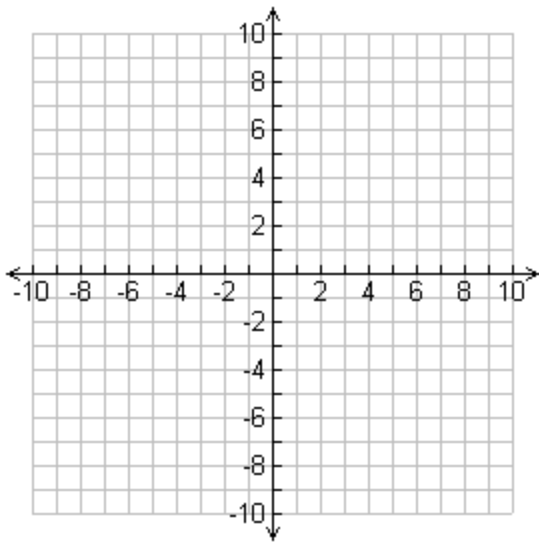
For each of the following quadratic functions you need to:

- a) Factor the given quadratic function
- b) Identify the Axis of Symmetry
- c) Identify the X-INTERCEPT(S) of the function
- d) Identify the Y-INTERCEPT of the function
- e) Identify the VERTEX of the function

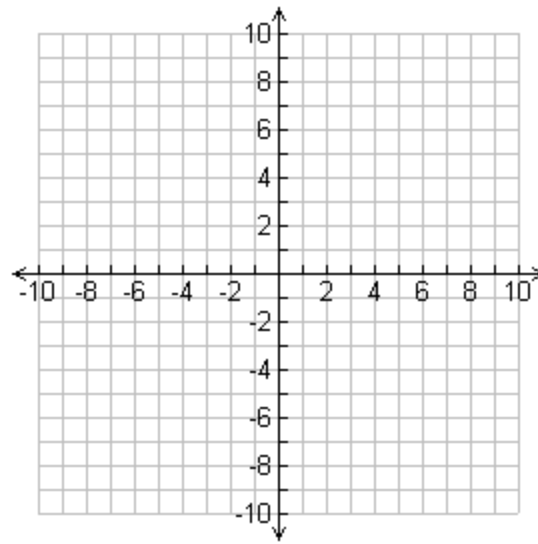


1. $y = x^2 + 9x + 14$

2. $y = -2x^2 + 2x + 4$



3. $f(x) = x^2 + 6x - 16$



4. $f(x) = -8x^2 - 8x + 16$