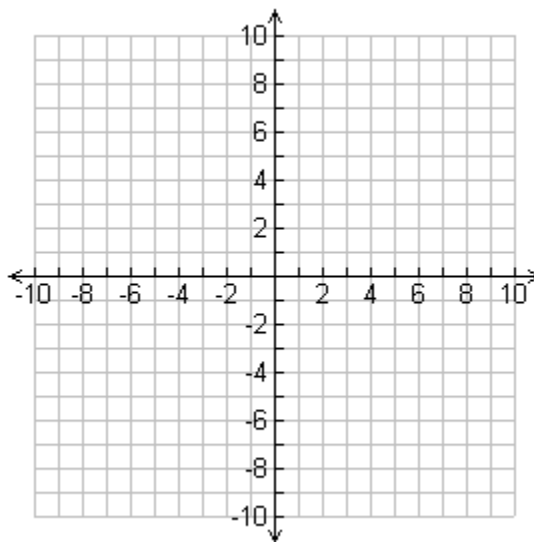
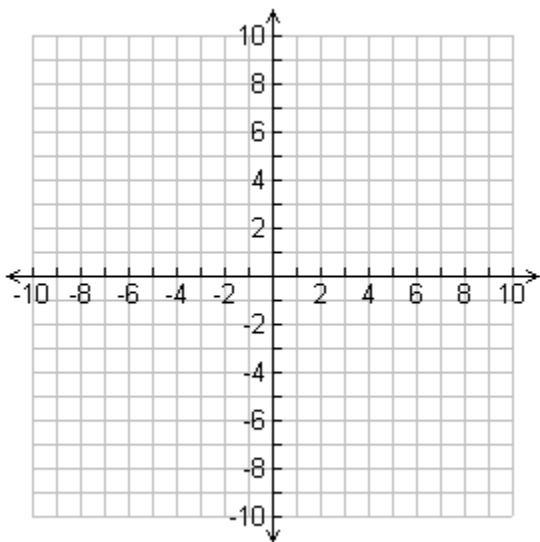


Graphing Quadratics – By Completing the Square

Unit 2A: Quadratic Functions – Representations

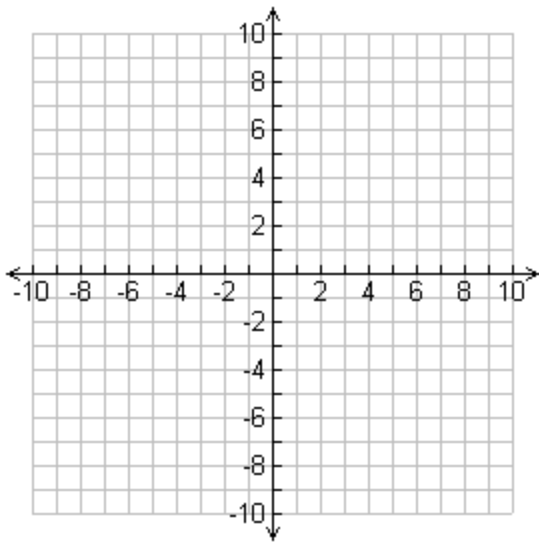
For each of the following quadratic functions you need to:

- Put the function into Vertex Form by Completing the Square and Graph
- Identify the Axis of Symmetry
- Identify the X-INTERCEPT(S) of the function
- Identify the Y-INTERCEPT of the function
- Identify the VERTEX of the function

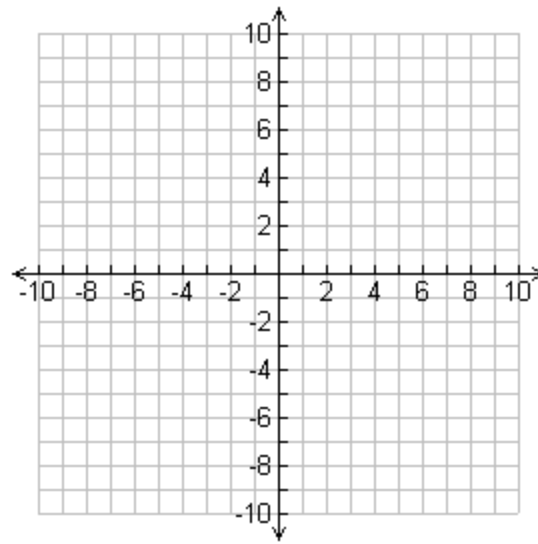


1. $y = x^2 + 6x - 7$

2. $y = x^2 - 6x - 40$



3. $f(x) = 2x^2 + 16x + 24$



4. $f(x) = 5x^2 - 20x + 15$