

**Warm-Up**

$$y = -3x^2 + 12x - 7$$

- a. Tell whether the function has a minimum value or a maximum value. Then find the value.
  
- b. Find the y-intercept.
  
- c. Describe the domain and range.
  
- d. Write the equation for axis of symmetry.
  
- e. *Sketch* the graph below.

## Comparison of Functions

Type	Graphs	Equations
<b>Linear Functions</b>		
<b>Absolute Value Functions</b>		
<b>Exponential Functions</b>		
<b>Quadratic Functions</b>		

