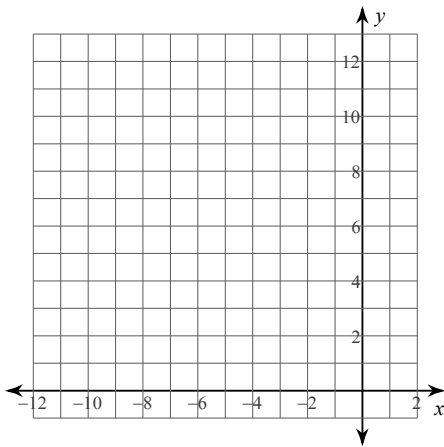Name_____

Graphing Quadratic Functions
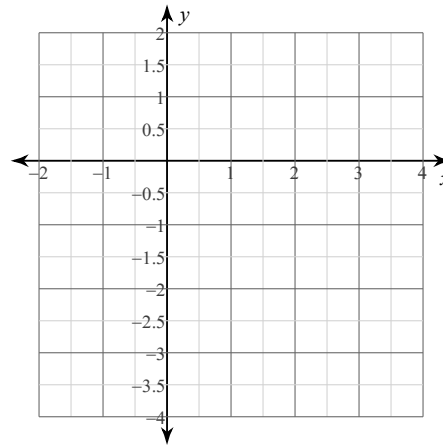
Date_____ Period____
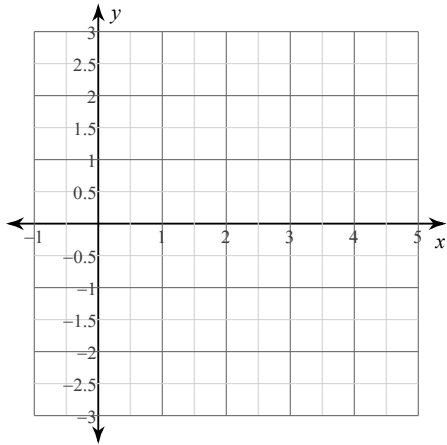
Sketch the graph of each function.
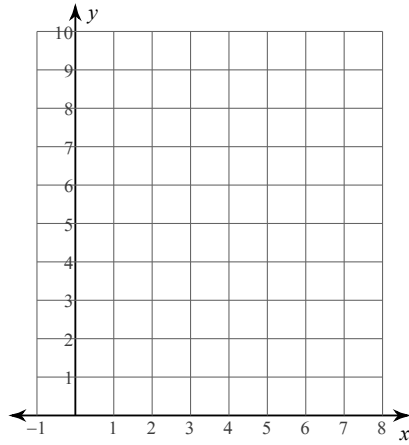
1) $y = 3x^2$

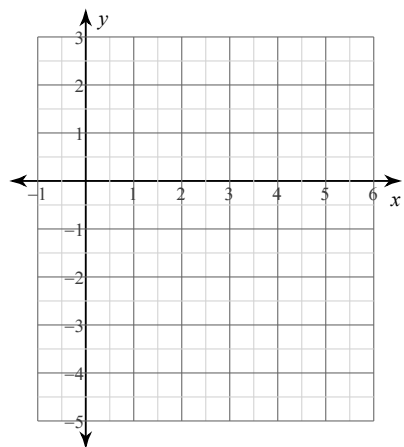
2) $y = -\dfrac{1}{2}x^2$

3) $y = -x^2 + 2x + 1$

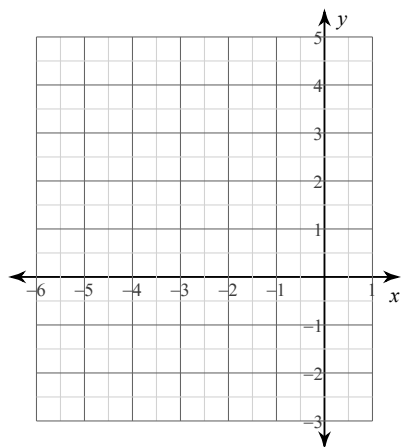4) $y = 2x^2 - 16x + 33$

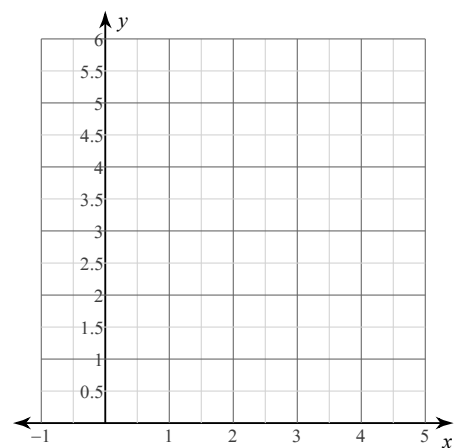5) $y = x^2 - 8x + 13$

6) $y = -x^2 - 8x - 13$

7) $y = (x - 3)^2 + 1$

8) $y = \dfrac{1}{2}(x - 4)^2 - 2$