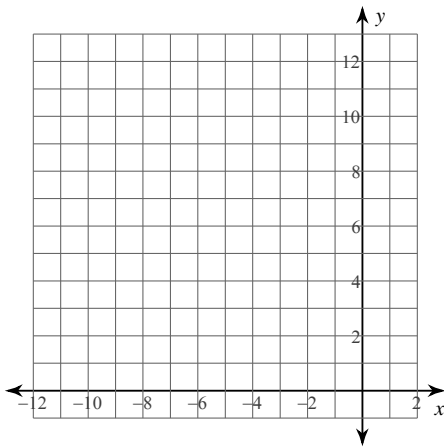


# Graphing Quadratic Functions

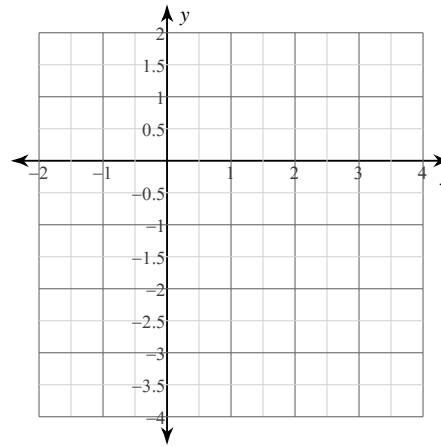
Date \_\_\_\_\_ Period \_\_\_\_\_

**Sketch the graph of each function.**

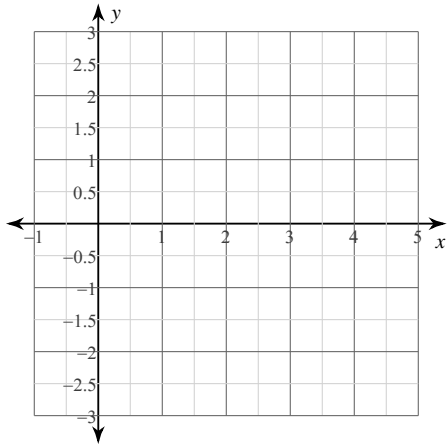
1)  $y = 3x^2$



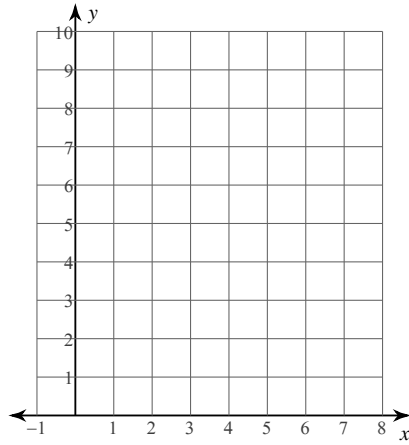
2)  $y = -\frac{1}{2}x^2$



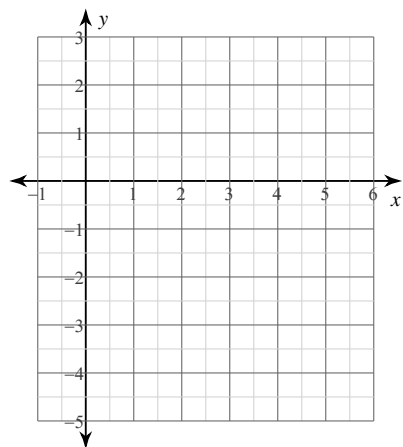
3)  $y = -x^2 + 2x + 1$



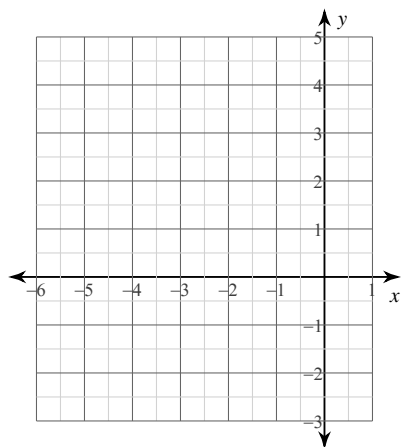
4)  $y = 2x^2 - 16x + 33$



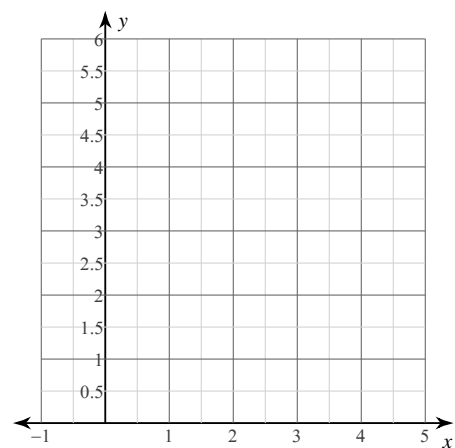
5)  $y = x^2 - 8x + 13$



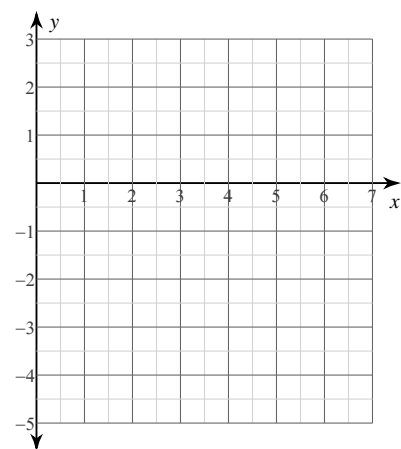
6)  $y = -x^2 - 8x - 13$



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



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

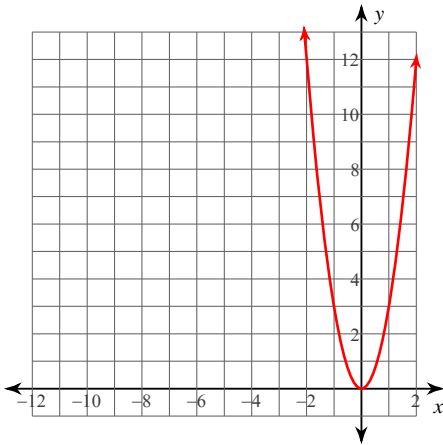


## Graphing Quadratic Functions

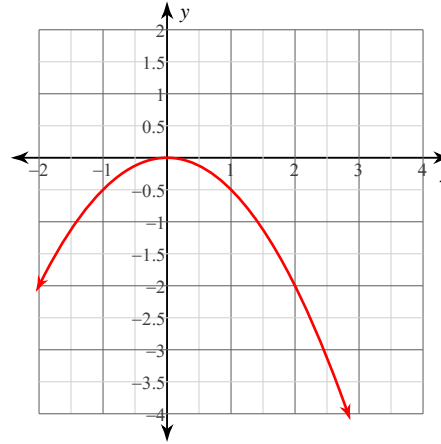
Date \_\_\_\_\_ Period \_\_\_\_\_

**Sketch the graph of each function.**

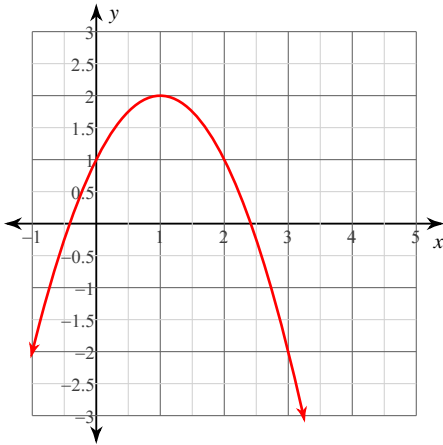
1)  $y = 3x^2$



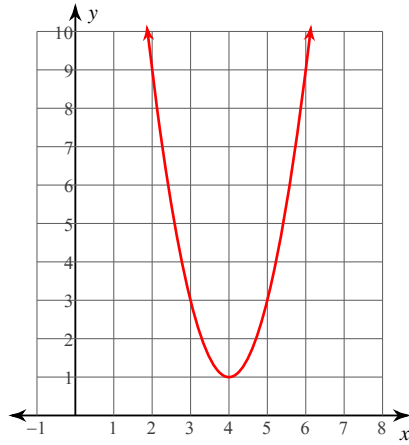
2)  $y = -\frac{1}{2}x^2$



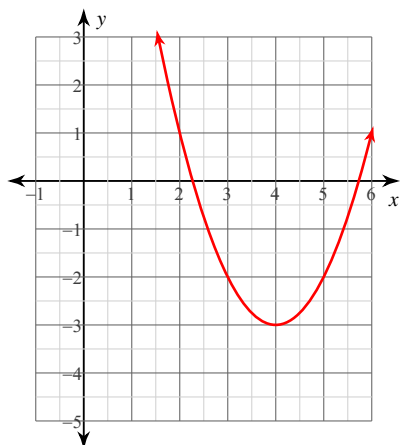
3)  $y = -x^2 + 2x + 1$



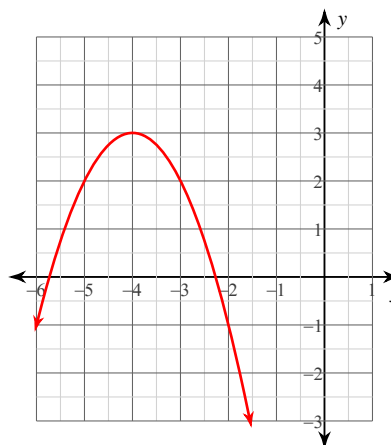
4)  $y = 2x^2 - 16x + 33$



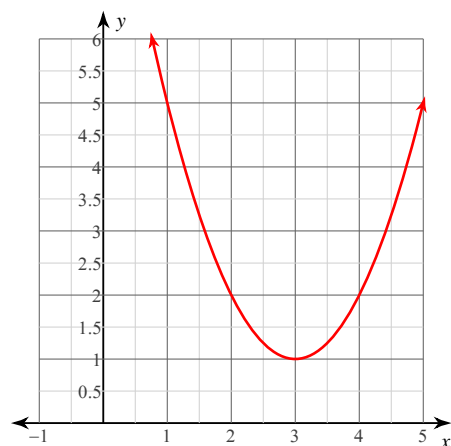
5)  $y = x^2 - 8x + 13$



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