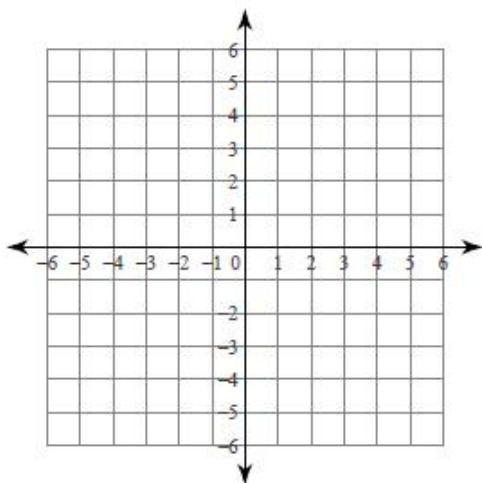


**Practice 6.4.3**  
**Graphing in Intercept Form**

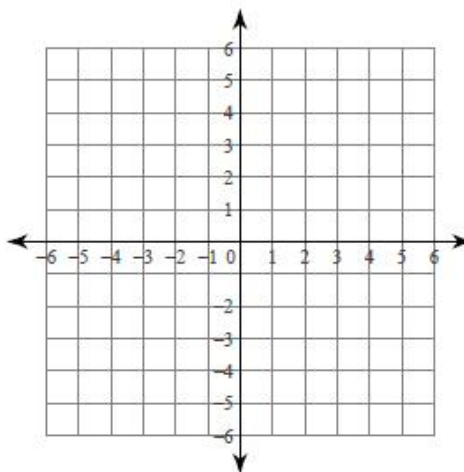
Name: \_\_\_\_\_ Hour: \_\_\_\_\_

**Directions:** Rewrite each quadratic function in Intercept Form, then graph the function. Be sure to **draw in the axis of symmetry** and **label the coordinates of the vertex**.

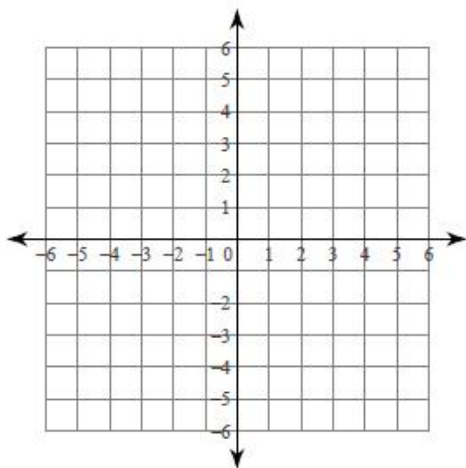
1.  $y = -x^2 - 4x - 3$



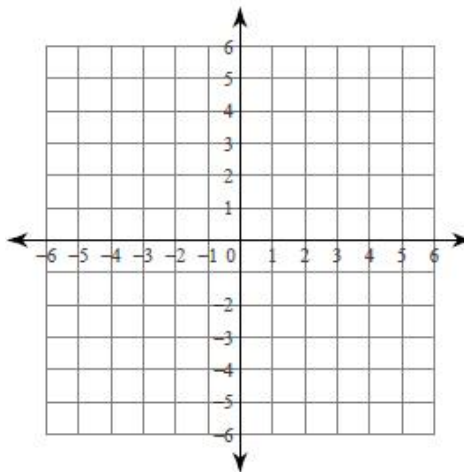
2.  $y = -x^2 + 6x - 5$



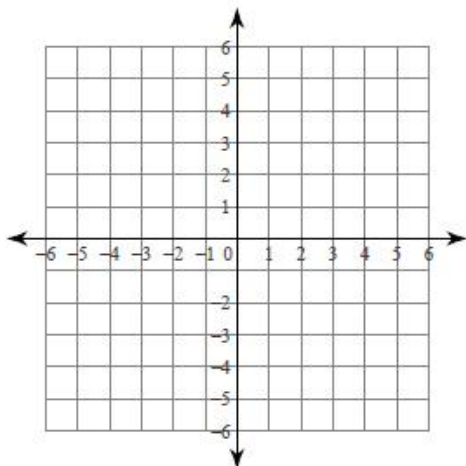
3.  $y = x^2 - 2x - 3$



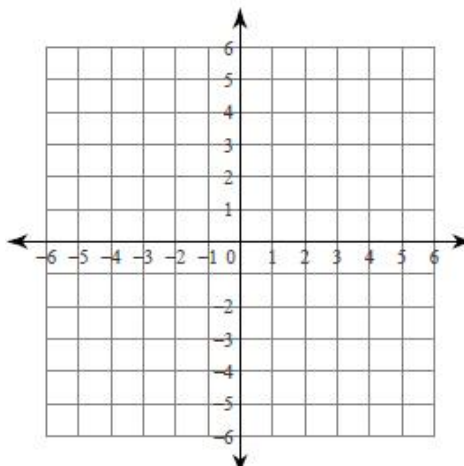
4.  $y = x^2 - 6x + 8$



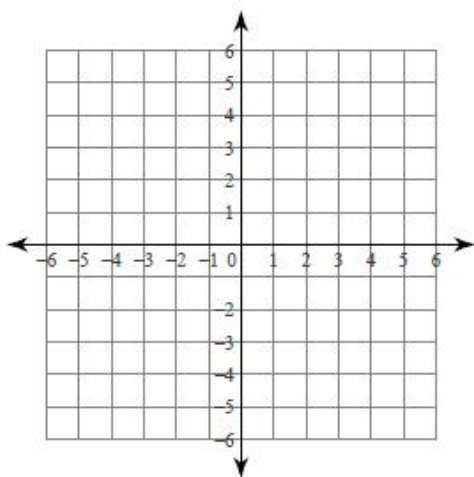
5.  $y = x^2 + 8x + 12$



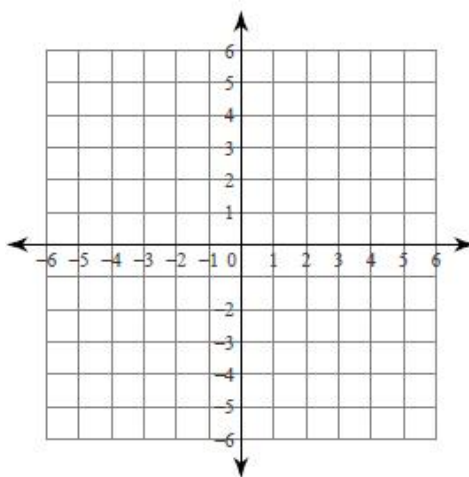
6.  $y = -2x^2 - 16x - 30$



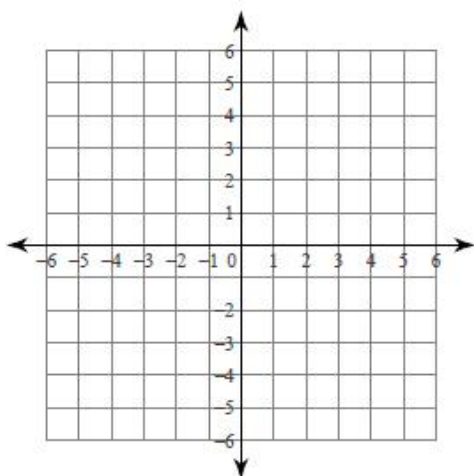
7.  $y = -x^2 - 6x - 5$



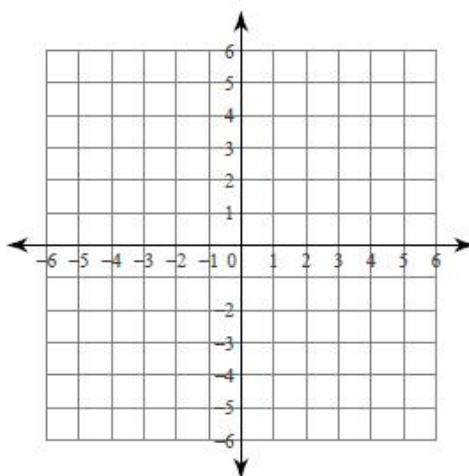
8.  $y = -x^2 - 2x$



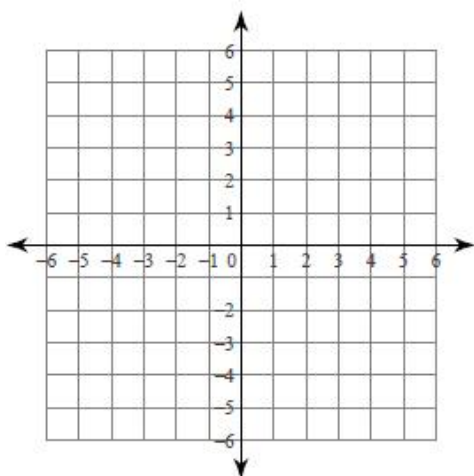
9.  $y = 3x^2 - 6x$



10.  $y = 2x^2 - 12x + 10$



11.  $y = x^2 + 10x + 24$



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

