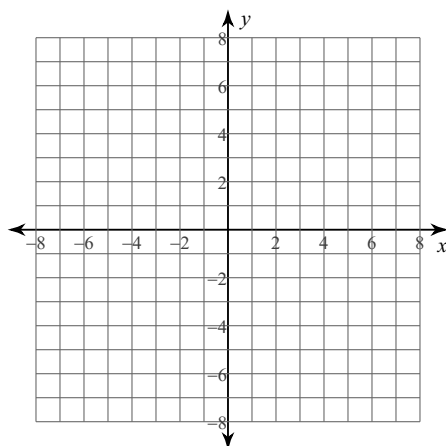


6.2 Graphing Quadratic Standard Form 2

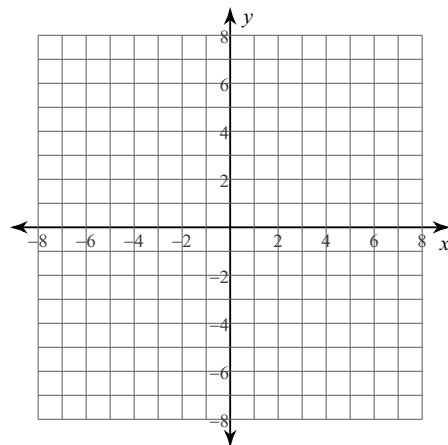
Date DUE _____ Period _____

Identify and label the vertex, the y-intercept, the direction of opening, and axis of symmetry of each. Find two more points and then sketch the graph.

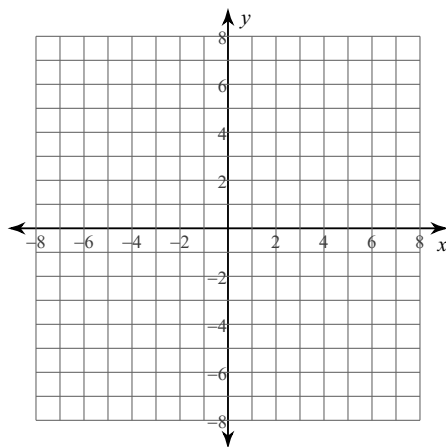
1) $y = -2x^2 - 4x - 2$



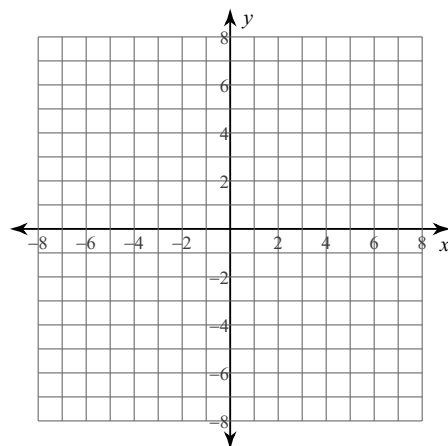
2) $y = -\frac{1}{3}x^2 + \frac{8}{3}x - \frac{19}{3}$



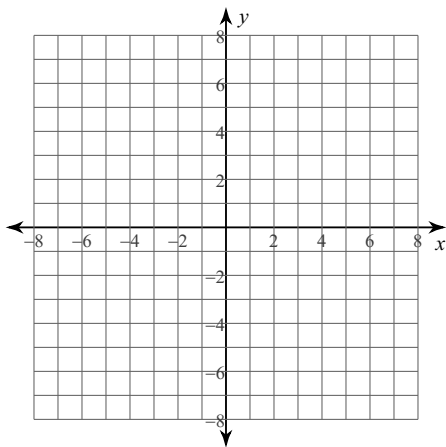
3) $y = x^2 + 2x - 4$



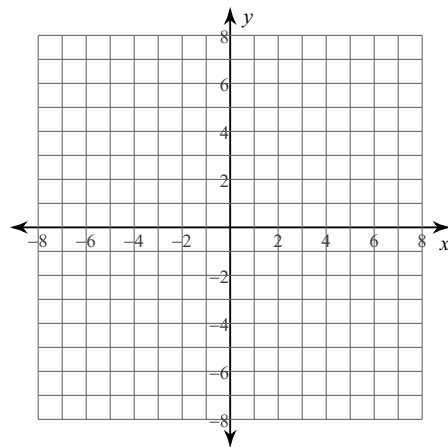
4) $y = \frac{1}{2}x^2 - x + \frac{11}{2}$



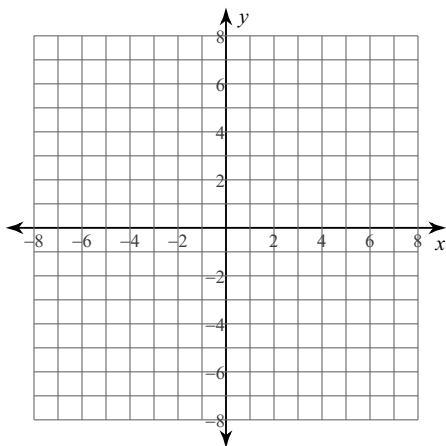
5) $y = 3x^2 - 6$



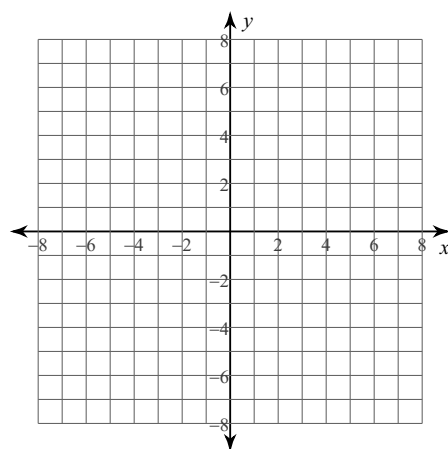
6) $y = -3x^2 + 36x - 112$



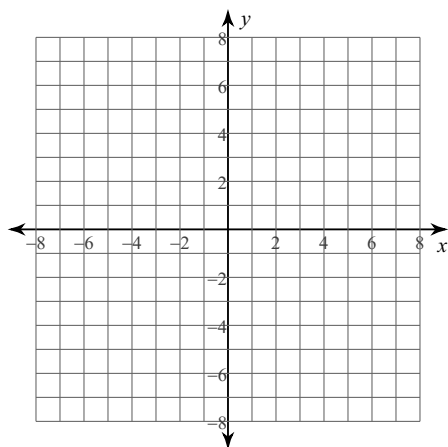
7) $y = x^2 + 4x + 4$



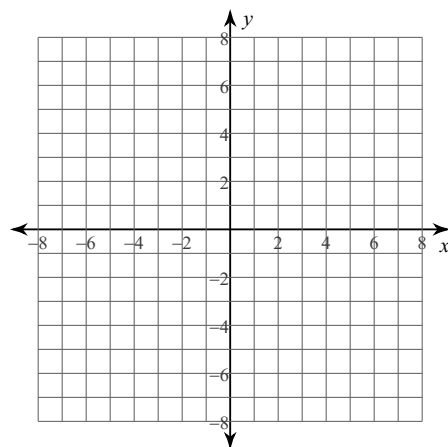
8) $y = \frac{1}{4}x^2 - x + 7$



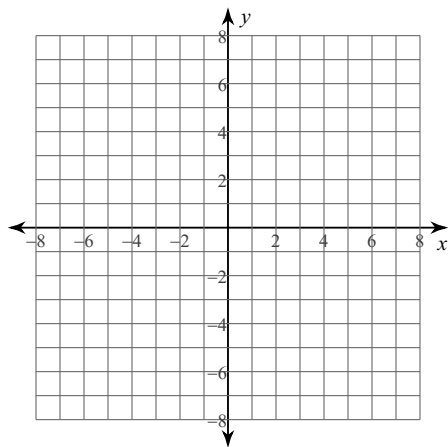
9) $y = -x^2 - 10x - 25$



10) $y = x^2 + 2x - 2$



11) $y = -2x^2 - 8x - 10$



12) $y = -x^2 + 12x - 33$

