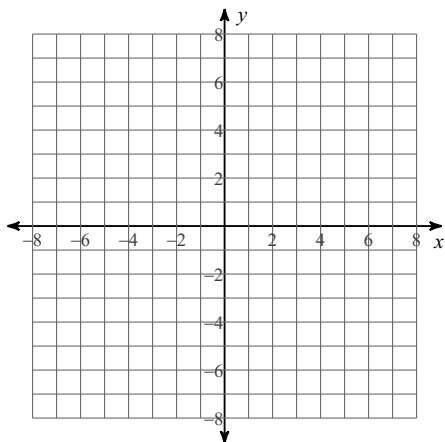


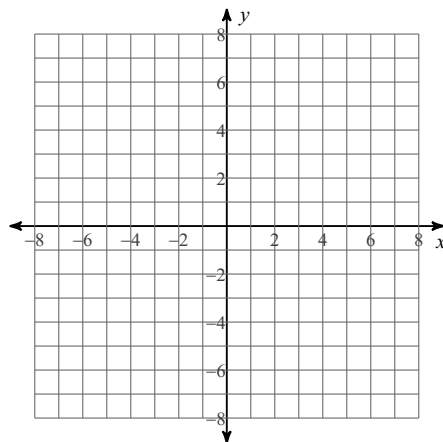
## Module 7 Lesson 3 Assignment

Identify the vertex, axis of symmetry, min/max value, y-intercept, and x-intercepts of each. Then sketch the graph. Label the x-intercept(s), y-intercept, vertex, and axis of symmetry on each graph.

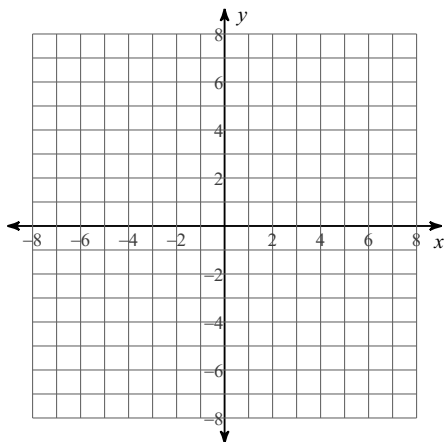
1)  $y = -x^2 - 10x - 24$



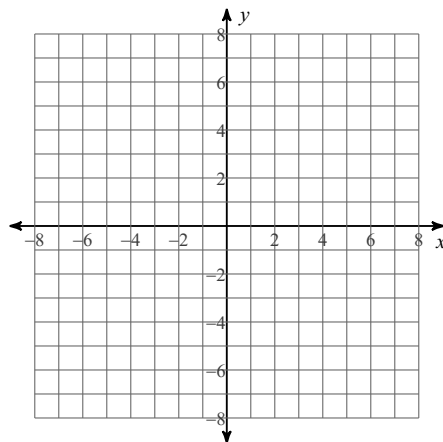
2)  $y = -x^2 + 8x - 17$



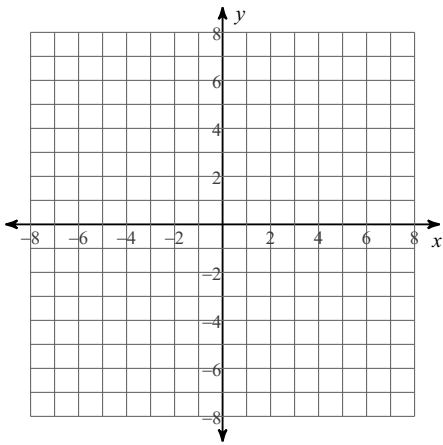
3)  $y = x^2 - 4x + 7$



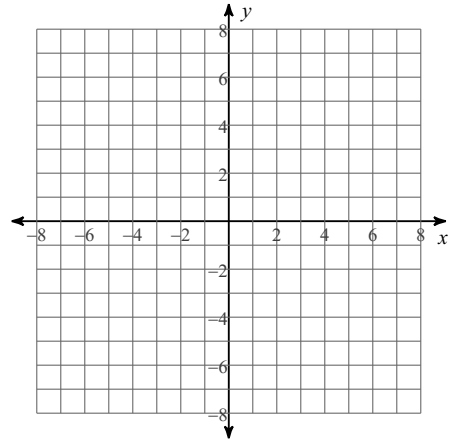
4)  $y = x^2 + 12x + 35$



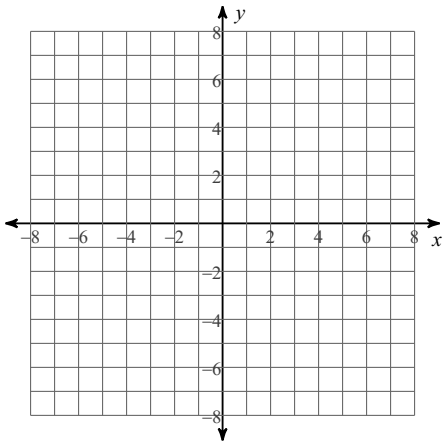
5)  $y = 2x^2 + 6x$



6)  $y = x^2 + 2$



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



8)  $y = 2x^2 + 24x + 72$

