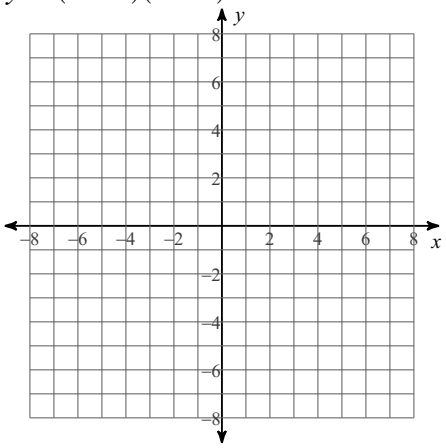
Math II Name_____

Graphing Intercept Form and Standard Form

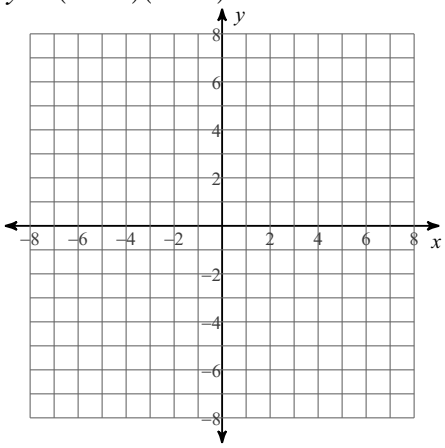
Date_____ Period____

a) Plot at least five dots to graph each parabola from the intercept form equation.
b) What are the coordinates of the vertex?

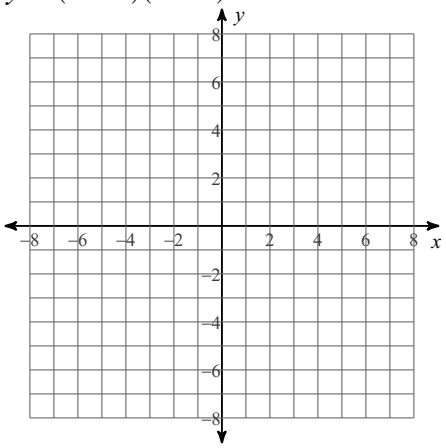
1) $y = (x - 2)(x - 6)$ Vertex:



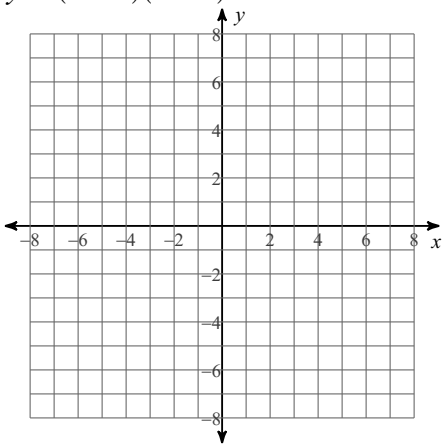
2) $y = (x + 5)(x + 1)$ Vertex:



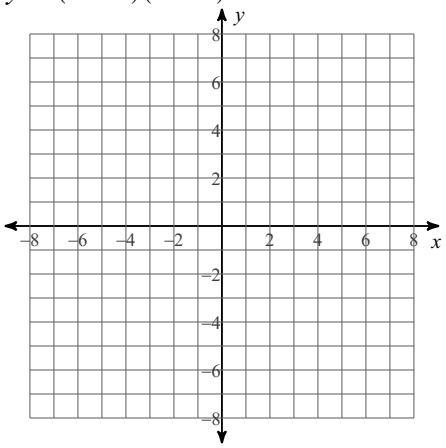
3) $y = (x - 3)(x - 5)$ Vertex:



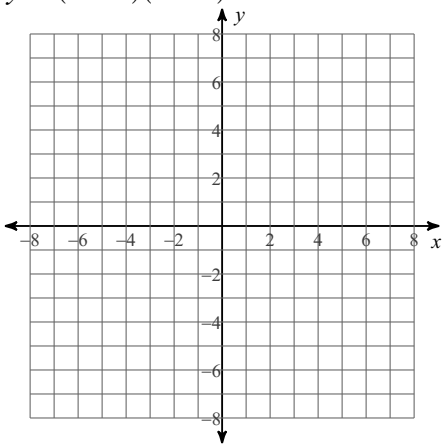
4) $y = (x + 0)(x - 2)$ Vertex:



5) $y = (x + 5)(x - 1)$ Vertex:

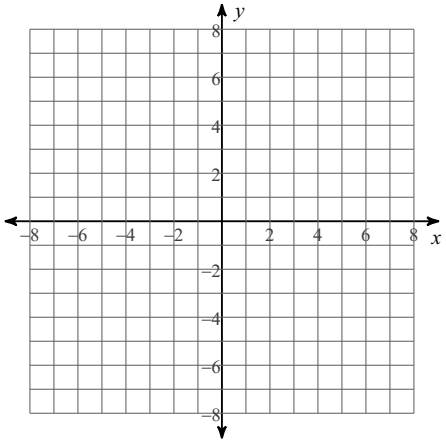


6) $y = (x + 2)(x - 4)$ Vertex:

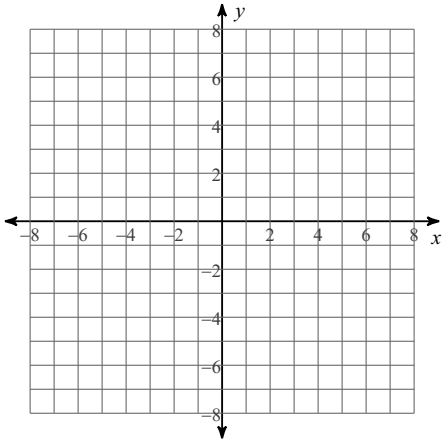


a) Plot at least five dots to graph each parabola from the standard form equation.
b) What are the coordinates of the vertex?

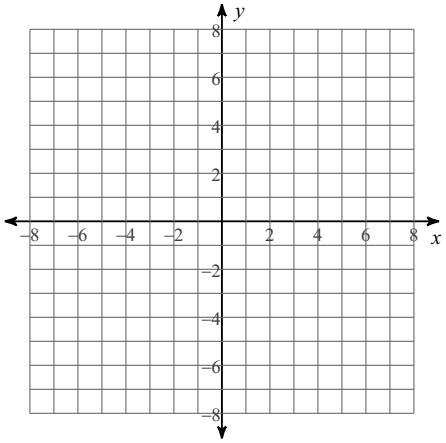
7) $y = x^2 + 6x + 8$ Vertex:



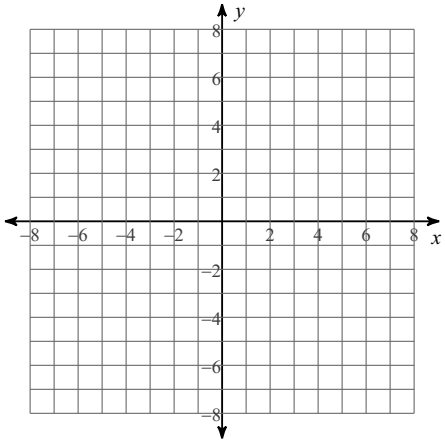
8) $y = x^2 - 8x + 15$ Vertex:



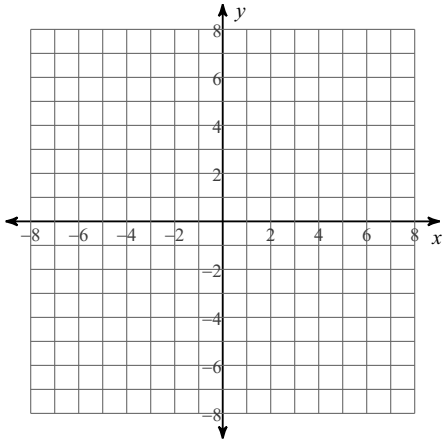
9) $y = x^2 - 4x - 5$ Vertex:



10) $y = x^2 + 8x + 12$ Vertex:



11) $y = x^2 + 10x + 16$ Vertex:



12) $y = x^2 - 10x + 24$ Vertex: