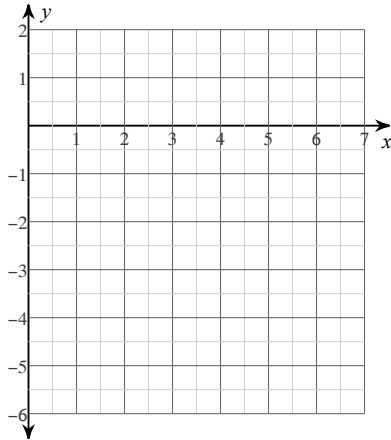


Graphing Quadratics - Vertex Form

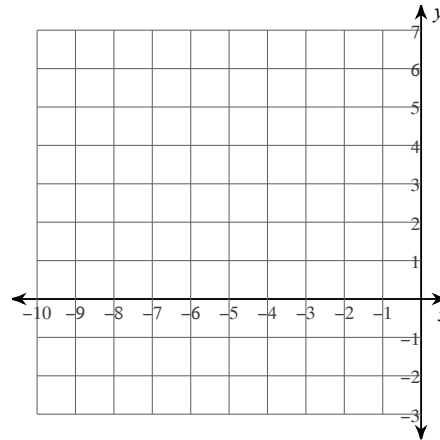
Date _____ Period _____

- A) Beside each problem, record the vertex.
 B) Beside each problem, record the y-intercept.
 C) Graph each function by graphing the vertex, y-intercept (if it fits) , and using either a t-chart or the 1-4-9 method.

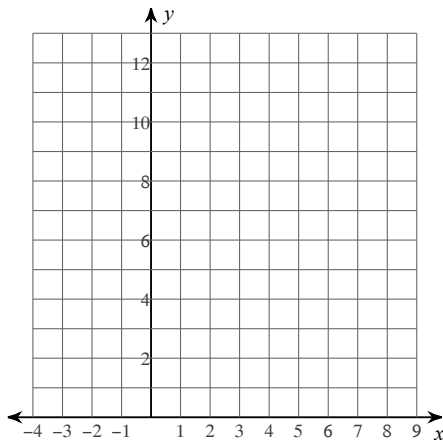
1) $y = (x - 4)^2 - 4$



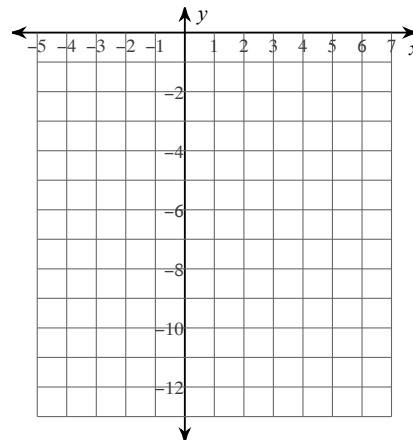
2) $y = 2(x + 3)^2 - 2$



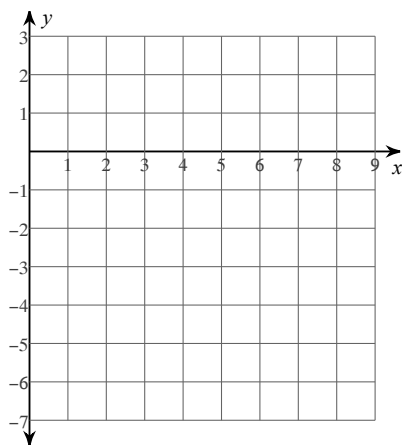
3) $y = 2(x - 4)^2 + 4$



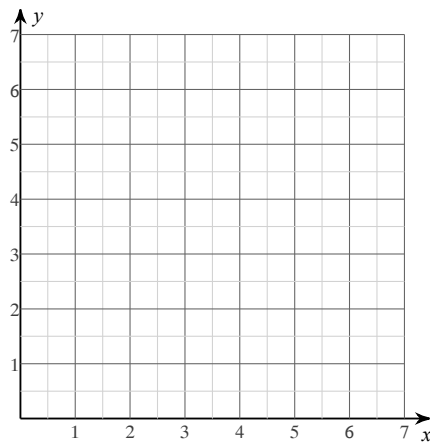
4) $y = -2(x - 2)^2 - 4$



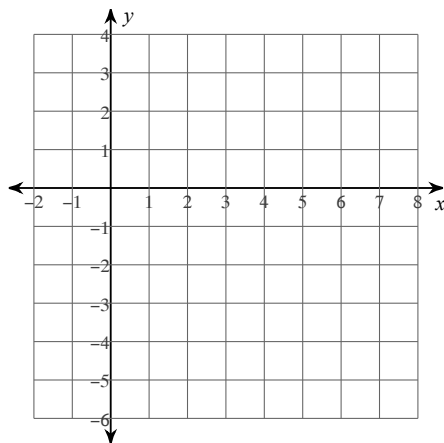
5) $y = -2(x - 4)^2 + 2$



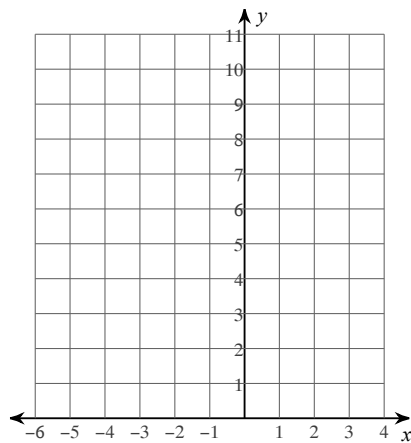
6) $y = \frac{1}{2}(x - 4)^2 + 4$



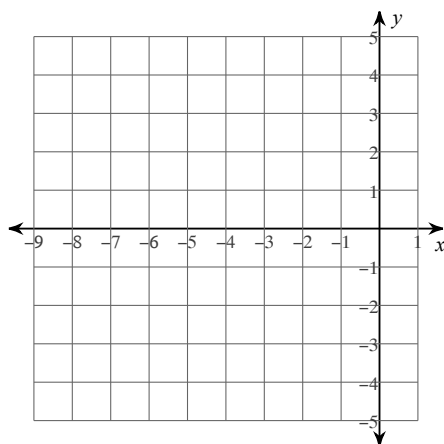
7) $y = -2(x - 1)^2 + 3$



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



9) $y = -2(x + 1)^2 + 4$



10) $y = -2(x + 2)^2 - 4$

