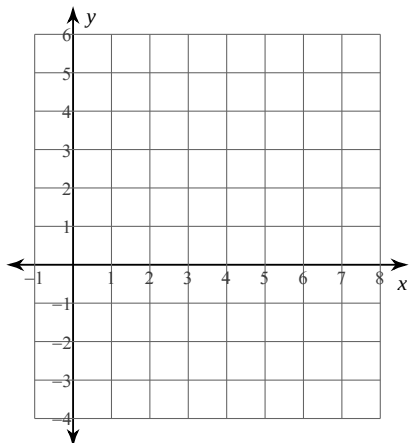


Graphing Quadratics using Vertex Form

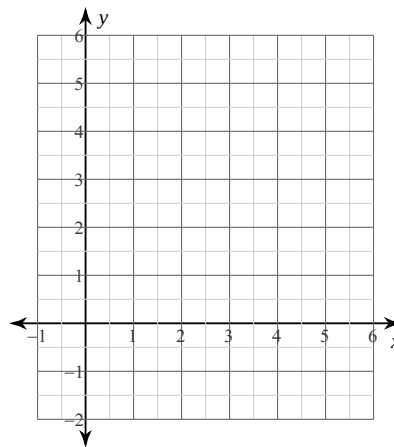
Date _____ Period _____

Sketch the graph of each function.

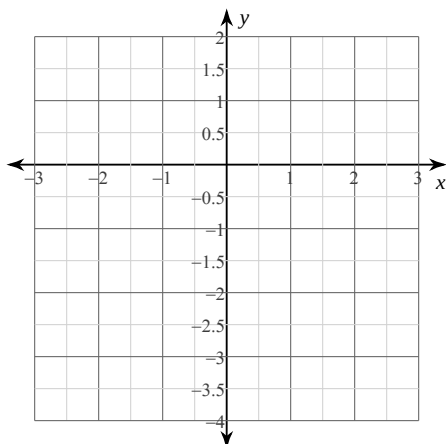
1) $y = 2(x - 4)^2 - 3$



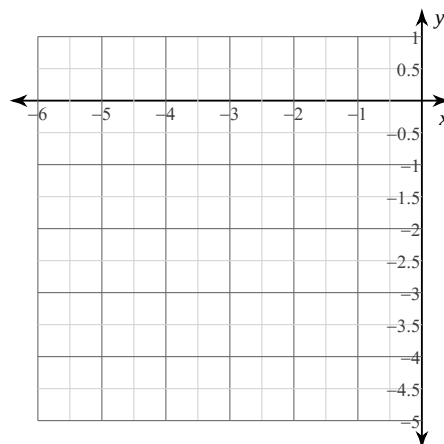
2) $y = -\frac{1}{2}(x - 4)^2 + 3$



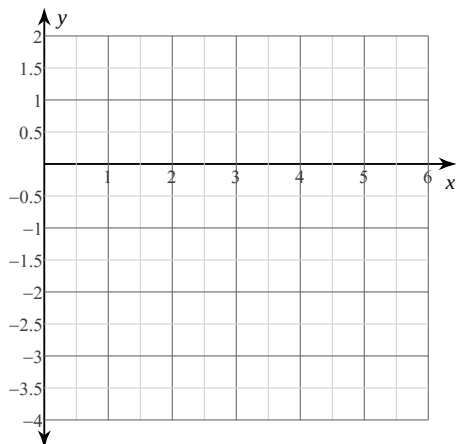
3) $y = (x - 1)^2 - 3$



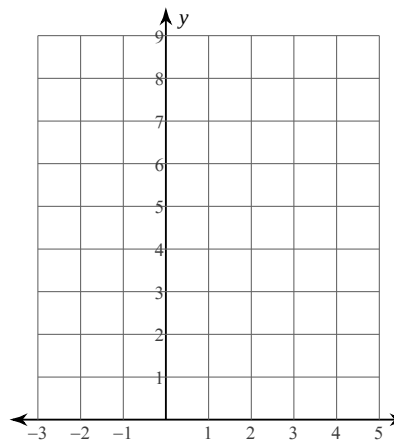
4) $y = (x + 2)^2 - 4$



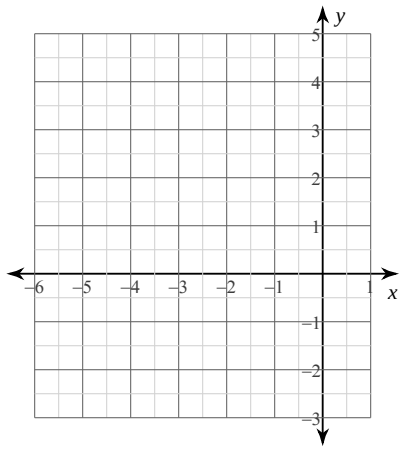
5) $y = -(x - 2)^2 + 1$



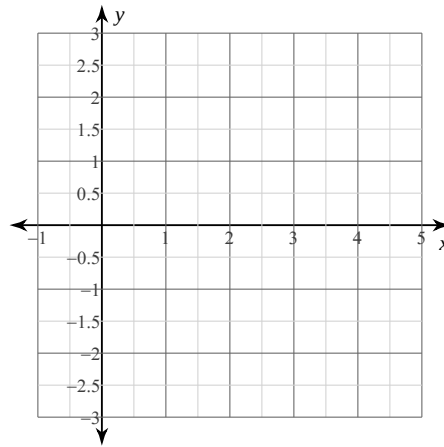
6) $y = (x - 3)^2 + 4$



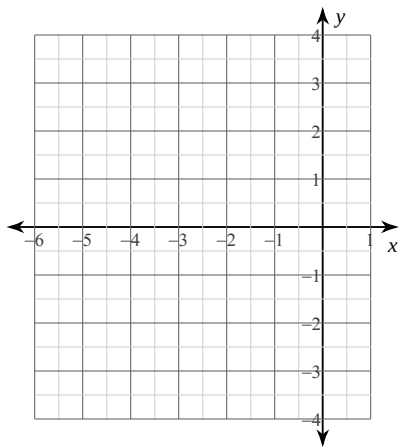
7) $y = (x + 4)^2 - 1$



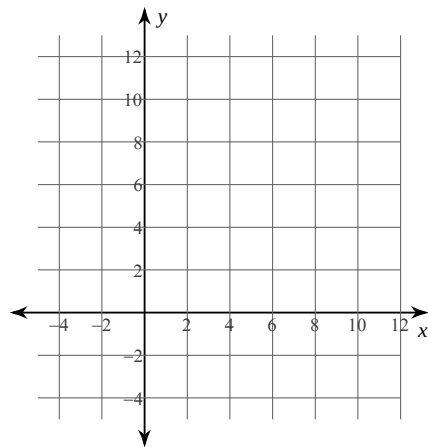
8) $y = \frac{1}{2}(x - 2)^2 - 1$



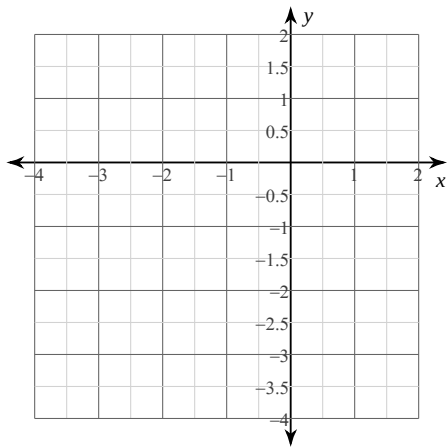
9) $y = (x + 4)^2 - 2$



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



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



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

