

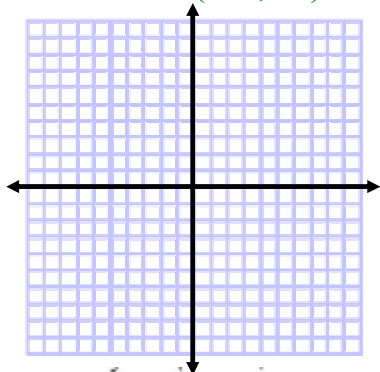
Name: _____

Class Period: _____

GRAPHING WITH VERTEX FORM Graph the quadratic function. Label the vertex and axis of symmetry.

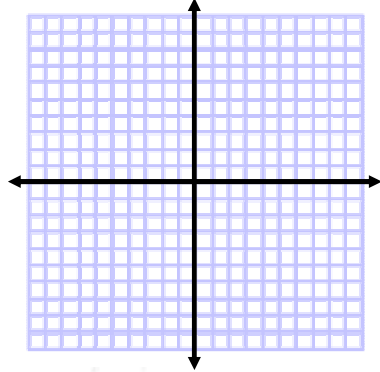
1. $y = (x - 1)^2 + 2$

vertex: (,)



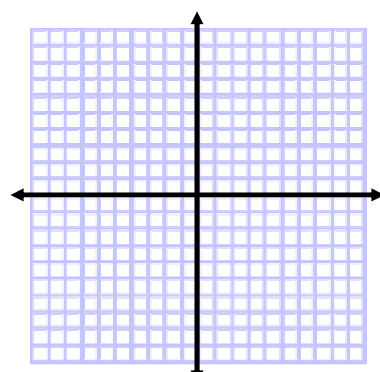
2. $y = -(x - 2)^2 - 1$

vertex: (,)



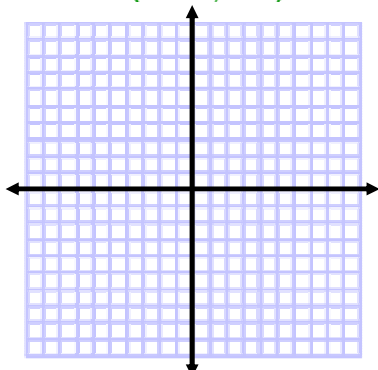
3. $y = -2(x + 3)^2 - 4$

vertex: (,)



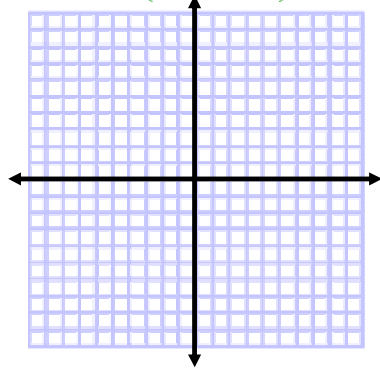
4. $y = 3(x + 4)^2 + 5$

vertex: (,)



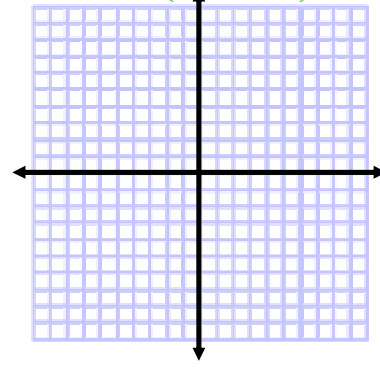
5. $y = -\frac{1}{3}(x + 1)^2 + 3$

vertex: (,)



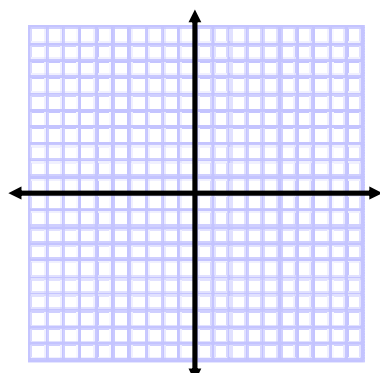
6. $y = \frac{5}{4}(x - 3)^2$

vertex: (,)



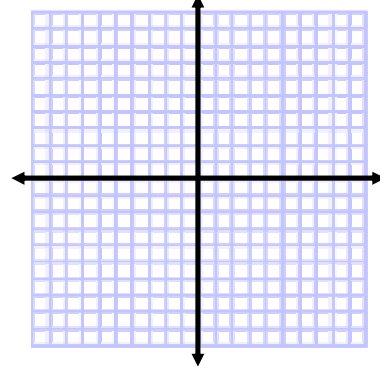
7. $y = -(x - 3)^2 + 2$

vertex: (,)



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

vertex: (,)



9. $y = -(x + 2)^2 - 7$

vertex: (,)

