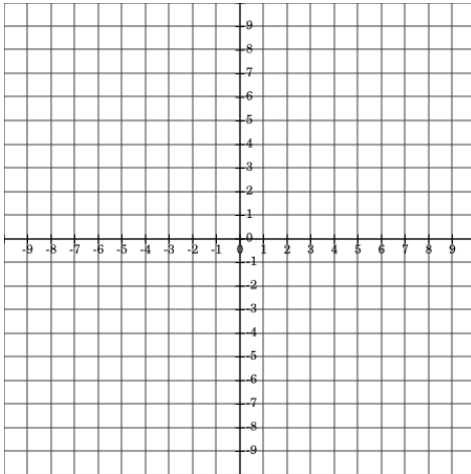


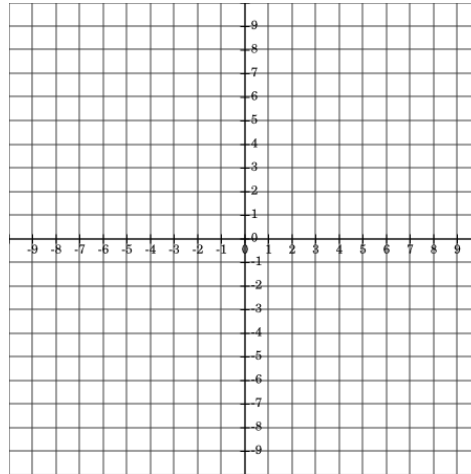
Name: _____ Hour: _____

Sketch the graph of each function.

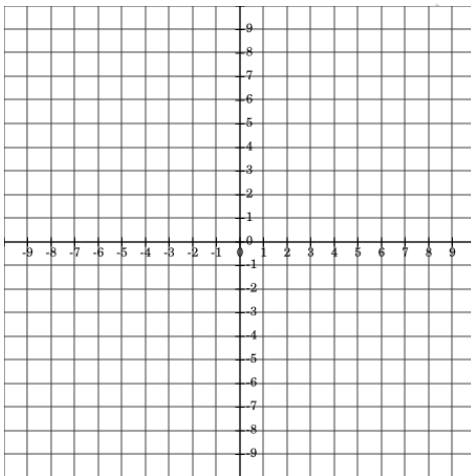
1) $y = 2(x + 4)^2 - 4$



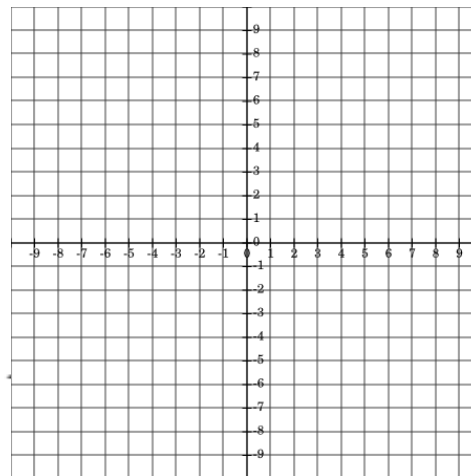
2) $y = (x - 1)^2 - 4$



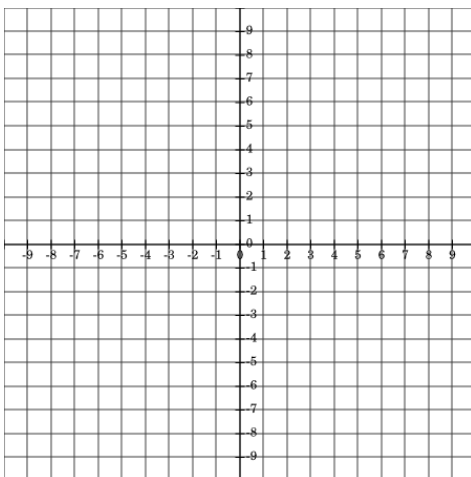
3) $y = -2(x + 4)^2 - 2$



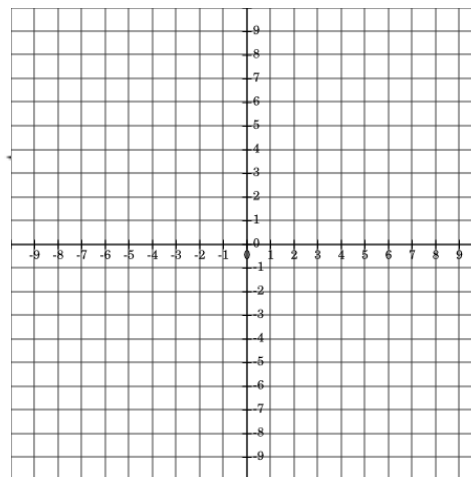
4) $y = -\frac{1}{2}(x + 2)^2 + 3$



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

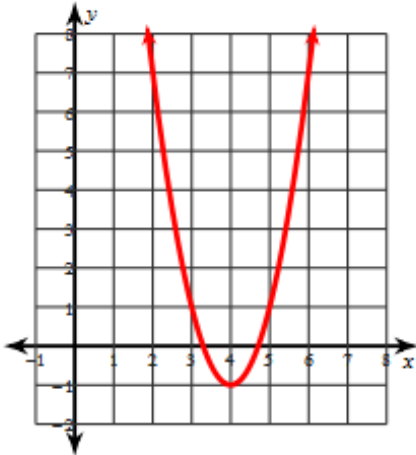


6) $y = -4(x + 3)^2 + 4$

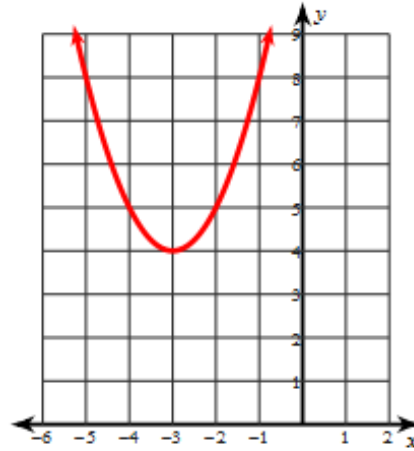


Write an equation in vertex form for each parabola.

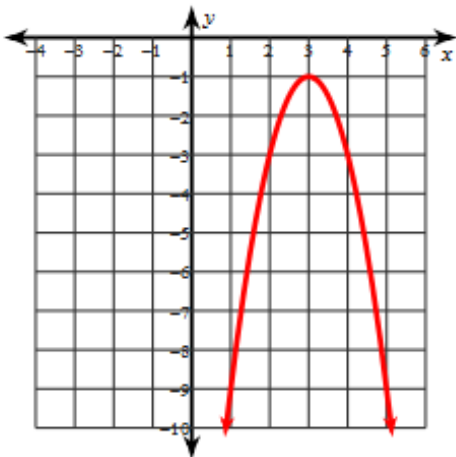
7) _____



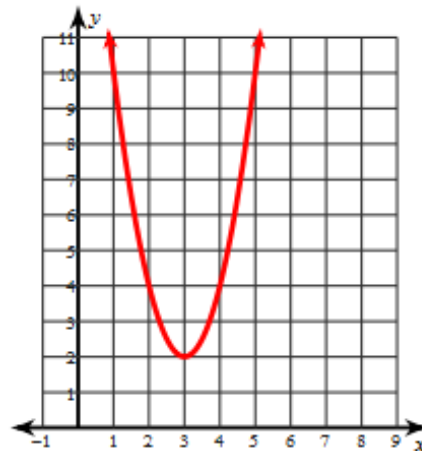
8) _____



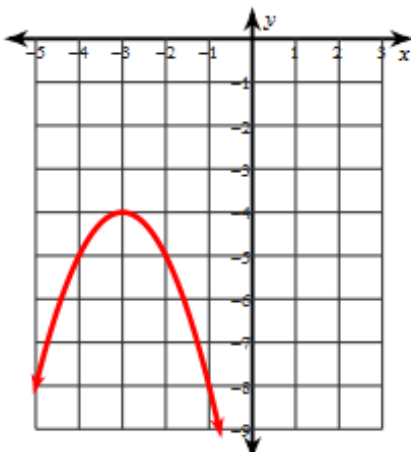
9) _____



10) _____



11) _____



12) _____

