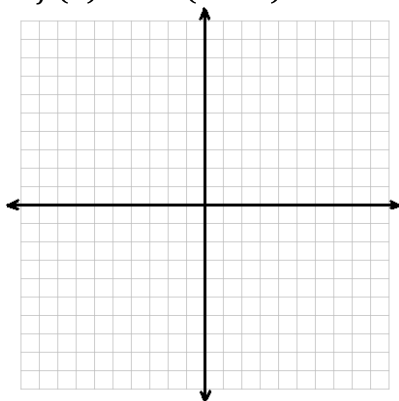


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Band: \_\_\_\_\_  
Algebra 2

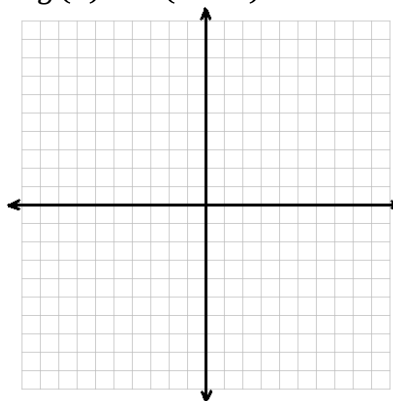
*Unit 2: Graphing Quadratic Functions PBA Practice*

Find the vertex, axis of symmetry,  $y$ -intercept, and  $x$ -intercepts of each function. Then graph the function.

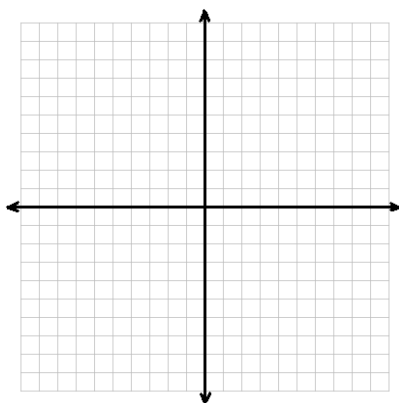
1.  $f(x) = -3(x + 1)^2$



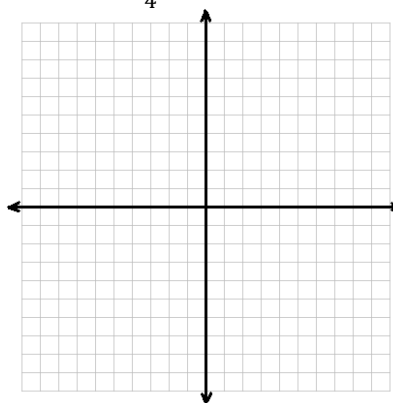
2.  $g(x) = 2(x - 2)^2 + 5$



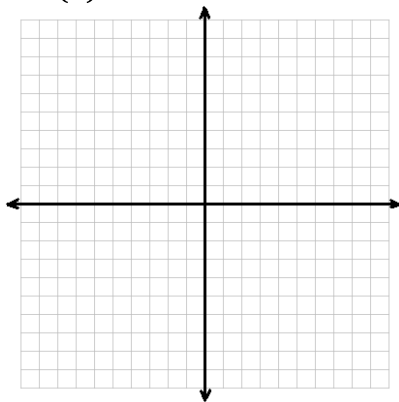
3.  $f(x) = -(x + 1)(x + 5)$



4.  $g(x) = \frac{1}{4}(x - 6)(x - 2)$



5.  $h(x) = x^2 + 2x - 1$



6.  $p(x) = -2x^2 - 8x + 1$

