

Final Study Guide (LT 4.1-4.3)

Vertex Form: $f(x) = a(x-h)^2 + k$ **Directions:**

1. Graph the quadratic equation.

	Equation	a	h	k	Graph of f(x)
1.	$f(x) = x^2$				
2.	$f(x) = -3(x-2)^2 - 4$				
3.	$f(x) = -\frac{1}{4}(x-1)^2 + 4$				
4.	$f(x) = -2(x+5)^2 - 3$				
5.	$f(x) = (x+2)^2 - 1$				