Graphing Quadratic Functions with one real zero, non real zeros (uses quadratic formula)

1. Graph the function and label the following points:
  - x-intercepts if applicable
  - y-intercept
  - axis of symmetry
  - vertex $f(x) = 3x^2 + 2x + 6$
	2. Graph the function and label the following points:
	  - x-intercepts if applicable
	  - y-intercept
	  - axis of symmetry
	  - vertex $f(x) = \dfrac{1}{4}x^2 + 5x + 25$

3. Graph the function and label the following points:
  - x-intercepts if applicable
  - y-intercept
  - axis of symmetry $f(x) = \frac{2}{3}x^2 + 2x + 3$
  - vertex
	4. Graph the function and label the following points:
	  - x-intercepts if applicable
	  - y-intercept
	  - axis of symmetry $f(x) = 5x^2 - 8x + 7$
	  - vertex

5. Graph the function and label the following points:
  - x-intercepts if applicable
  - y-intercept
  - axis of symmetry $f(x) = -2x^2 - 7x - 8$
  - vertex
	6. Graph the function and label the following points:
	  - x-intercepts if applicable
	  - y-intercept
	  - axis of symmetry $f(x) = -\frac{1}{3}x^2 + 2x - 5$
	  - vertex