## Quadratic functions

Graph(s)	Equation	Equation	Axis of	x-ints.	Max/Min
	in the form $u = ar^2 + br$	in the form $y = a(x-h)^2 + k$	Symm.		
	$y = ax^{2} + bx + c$ $y = x^{2} + 2x + 4$	$y = u(x-n) + \kappa$			
	y - w + 2w + 4				
				$x = 1 + \sqrt{2},$ $x = 1 - \sqrt{2}$	