

Standard Form	Vertex Form	Roots	Factors	Factored Form
$y = x^2 - 3x + 2$				
	$y = (x - 1)^2 - 9$			
			$(x - 3)$ <i>and</i> $(3x - 2)$	
		$-2, 3$		
				$y = (x - 1)(2x + 5)$
$y = x^2 + 2x - 8$				
		4		
			$(x + 1)$ <i>and</i> $(3x + 1)$	
				$y = 5(x - 1)(x + 2)$
	$y = 2(x - 1)^2 - 18$			
		$-5, -1$		
$y = 5x^2 - 20$				
				$y = -2x(x + 2)$