

Fill in the Blanks

More Quadratic Expressions and Equations

Quadratic in the form $f(x) = ax^2 + bx + c$	Quadratic in factorised form	Quadratic in completed square form	Solutions to quadratic equation $f(x) = 0$
$f(x) = 4x^2 + 16x + 7$			
$f(x) = 4x^2 - 4x - 3$			
	$f(x) = 2x(x + 4)$		
		$f(x) = 3\left(x + \frac{5}{3}\right)^2 - \frac{49}{3}$	
		$f(x) = 2\left(x - \frac{1}{4}\right)^2 - \frac{25}{8}$	
			$x = -\frac{1}{3}, x = -2$
			$x = \frac{3}{2}, x = -\frac{3}{4}$
			$x = \frac{p}{2}, x = -\frac{3p}{2}$