

Solving Quadratic Equations Revision

(a)	(b)	(c)	(d)
Solve $x^2 = 9$ $x = 3$ or $x = -3$	Solve $x^2 - 7x + 10 = 0$ $x = 5$ or $x = 2$	Solve $x^2 - 5x + 6 = 0$ $x = 3$ or $x = 2$	Solve $x^2 + 8x + 12 = 0$ $x = -2$ or $x = -6$
(e)	(f)	(g)	(h)
Solve $x^2 + 2x - 8 = 0$ $x = -4$ or $x = 2$	Solve $x^2 + 10x + 21 = 0$ $x = -3$ or $x = -7$	Solve $x^2 - 3x - 18 = 0$ $x = 6$ or $x = -3$	Solve $x^2 - 1 = x + 5$ $x = 3$ or $x = -2$
(i)	(j)	(k)	(l)
Solve $3x^2 - 7x + 2 = 0$ $x = \frac{1}{3}$ or $x = 2$	Solve $x^2 + 5x + 2 = 0$, giving your solutions to 3 significant figures. $x = -0.438$ or $x = -4.56$	Solve $x^2 + 3x - 8 = 0$, giving your solutions to 3 significant figures. $x = 1.70$ or $x = -4.70$	Solve $3x^2 + 2x - 9 = 0$, giving your solutions in surd form. $x = \frac{-1 \pm 2\sqrt{7}}{3}$