

Q1 June 2017

24		$x = -8, x = 3$	M1	for factorisation or for substitution into quadratic formula ($x \pm a$)($x \pm b$) where product of a and $b = 24$, eg ($x \pm 4$)($x \pm 6$) or difference of a and $b = 5$, eg ($x \pm 2$)($x \pm 7$) $\frac{-5 \pm \sqrt{5^2 - 4 \times 1 \times -24}}{2}$ oe (condone one sign error)
			M1	for ($x + 8$)($x - 3$) or for $\frac{-5 \pm \sqrt{121}}{2}$ oe
			A1	cao

Q2 Nov 2017

24 (a)		± 6	M1	for one value (6 or -6) or $\sqrt{36}$ or an embedded answer eg $2 \times 6^2 = 72$
			A1	± 6

Q3 Nov 2021

27	-2, 9	M1	for ($x \pm 2$)($x \pm 9$) or for ($x + a$)($x + b$) where either $ab = -18$ or $a + b = -7$ or one correct answer	Sight of one correct answer as the final answer can gain one mark with or without working
		M1	for ($x + 2$)($x - 9$)	
		A1	cao	