22	$2x^2 + 3(2x + 1)^2 = 5$		5	M1	$2\left(\frac{y-1}{2}\right)^2 + 3y^2 = 5$
	eg $14x^2 + 12x - 2 = 0$ **or** if completing the square, allow $14x^2 + 12x = 2$ oe			A1	$7y^2 - 2y - 9 = 0$ **or** if completing the square, allow $7y^2 - 2y = 9$ oe
	eg $(7x - 1)(x + 1)$ or $(7x - 1)(2x + 2)$ eg $\frac{-12 \pm \sqrt{12^2 - 4 \times 14 \times -2}}{2 \times 14}$ oe eg $7\left(\left(x + \frac{3}{7}\right)^2 - \frac{9}{49}\right) = 2$ oe			M1	ft as long as M1 awarded and 3 term quadratic eg $(7y - 9)(y + 1)$ eg $\frac{2 \pm \sqrt{(-2)^2 - 4 \times 7 \times -9}}{2 \times 7}$ oe eg $7\left(\left(y - \frac{1}{7}\right)^2 - \frac{1}{49}\right) = 9$ oe
	$x = \frac{1}{7}, x = -1$ (need both)			A1	$y = \frac{9}{7}, y = -1$ (need both)
		$x = \frac{1}{7}$, $y = \frac{9}{7}$ $x = -1$, $y = -1$		A1	Dep on M1 Must be paired correctly Must be 3 sf or better (0.142857...) (1.28571...)
					Total 5 marks