Question	Working		Answer	Mark	Notes
18	$2(2y - 3)^2 + 3y^2 = 14$ or	$2x^2 + 3\left(\frac{x+3}{2}\right)^2 = 14$		5	M1 correct first step eg substitution
	$11y^2 - 24y + 4 = 0$	$11x^2 + 18x - 29 = 0$			A1 for a correct simplified quadratic
	$(11y - 2)(y - 2)\ (=0)$ or $\frac{24 \pm \sqrt{(-24)^2 - 4\times11\times4}}{2\times11}$	$(11x + 29)(x - 1)\ (=0)$ or $\frac{-18 \pm \sqrt{18^2 - 4\times11\times-29}}{2\times11}$			M1 (dep on M1) first step to solve their 3 term quadratic
	$y = \frac{2}{11}$ or $y = 2$ (need both)	$x = \frac{-29}{11}$ or $x = 1$(need both)			A1
			$x = \frac{-29}{11}$, $y = \frac{2}{11}$ $x = 1$, $y = 2$		A1 Dep on first M1 Must be paired correctly Must be 2 dp or better
					Total 5 marks