22	$(y-4)^2-(y-4)+y^2=10$ or $x^2-x+(x+4)^2=10$		6	M1	for substituting linear equation into the quadratic equation
	$2y^2-9y+10=0$ or $2x^2+7x+6=0$			A1	for a correct equation in the form $ax^2 + bx + c = 0$ or $ax^2 + bx = -c$ or equations of the same form but in y
	$(2y-5)(y-2)=0$ or $\frac{--9\pm\sqrt{(-9)^2-(4\times2\times10)}}{2\times2}$ or $(2x+3)(x+2)=0$ or $\frac{-7\pm\sqrt{7^2-(4\times2\times6)}}{2\times2}$			M1ft	For solving *their* 3 term quadratic equation using any correct method. If factorising, allow brackets which expanded give 2 out of 3 terms correct (if using formula or completing the square allow one sign error and some simplification – allow as far as eg $\frac{-7\pm\sqrt{49-48}}{4}$ or eg $\left(x+\frac{7}{4}\right)^2-\frac{1}{16}=0$ oe $\frac{9\pm\sqrt{81-80}}{4}$ or eg $\left(y-\frac{9}{4}\right)^2-\frac{1}{16}=0$ oe
	$(-1.5, 2.5)$ and $(-2, 2)$			A1	for both pairs of coordinates oe eg $\left(\frac{-3}{2},\frac{5}{2}\right)$ accept coordinates listed as pairs, ie x_1, y_1, x_2, y_2
	$\sqrt{('-1.5'-'-2')^2+('2.5'-'2')^2}$			M1	dep on M1 for finding length of AB
		$\frac{\sqrt{2}}{2}$		A1	dep M3
					Total 6 marks