25	(a)	$(x-3)^2$ or $(3-x)^2$ or $(y-3)^2$ or $(3-y)^2$		4	M1	
		14 or – 14			M1	As part of an expression in x or y or an equation in x and y
		$3\pm\sqrt{14-x}$ or $3\pm\sqrt{14-y}$			M1	Can be $\pm$ or – or +
			$3+\sqrt{14-x}$		A1	oe must be in x
25	alt (a)	Alternative method: $x^2-6x+(y-5)=0$ oe or $y^2-6y+(x-5)=0$ oe		4	M1	rearrange to form a quadratic in x or y terms can be in any order but must be in an equation equal to zero
		$y=\frac{6\pm\sqrt{36-4(x-5)}}{2}$ or $x=\frac{6\pm\sqrt{36-4(y-5)}}{2}$			M1	correct substitution into quadratic formula
		$3\pm\sqrt{14-x}$ or $3\pm\sqrt{14-y}$			M1	Can be $\pm$ or – or +
			$3+\sqrt{14-x}$		A1	oe must be in x
	(b)		$x \leqslant 14$	1	B1	oe **must** ft from part (a) dep on an answer in correct form
						Total 5 marks