20	$\frac{18}{\sqrt{7}+1}\times\frac{\sqrt{7}-1}{\sqrt{7}-1}$		3	M1	for $\frac{18}{\sqrt{7}+1}\times\frac{\sqrt{7}-1}{\sqrt{7}-1}$
	eg $\frac{18(\sqrt{7}-1)}{7-1}$			M1	Dep on M1 for a correct numerator **and** multiplying out the denominator to 7 – 1 or 6
	$3\sqrt{7}-3$	$3\sqrt{7}-3$		A1	Dep on M2 Allow $3\left(\sqrt{7}-1\right)$
					Total 3 marks

21	(a)(i)		(0, 6)	2	B1	
	(iii)		(2, 6)		B1	
	(b)	eg $(x-4)^2+3(x-4)+4$ oe or eg $(x+\frac{3}{2}-4)^2-\frac{9}{4}+4$ oe or eg $x^2+3x+10$ oe or eg $(x+\frac{3}{2})^2-\frac{9}{4}+4+6$ oe eg $y-6=x^2+3x+4$		2	M1	for applying one of the transformations to the equation
			$y=(x-4)^2+3(x-4)+10$ or $y=(x+\frac{3}{2}-4)^2-\frac{9}{4}+4+6$		A1	oe eg $y=(x-\frac{5}{2})^2+\frac{31}{4}$ or $y=x^2-5x+14$ oe
						Total 4 marks