

Question			Answer	Marks	AO	Guidance	
2	(a)		$y = \frac{1}{(x-4)^3}$	M1	1.1	M1 for $\frac{1}{(x \pm 4)^3}$ only (so no misreads) - need not be an equation for this mark	oe e.g. $(x \pm 4)^{-3}$
				A1	1.1	Must be an equation of the form $y = \dots$ but A0 for only $f(x) = \dots$	ISW if expanded either correctly or incorrectly
				[2]			
2	(b)		(3,180)	B1	1.1	B1 for correct explicit x -coordinate (so not embedded in a calculation for y)	B1 for $x = 3$ B1 for $y = 180$ Allow missing bracket round coordinates
				B1	1.1	B1 for correct explicit simplified y -coordinate (so must be 180)	
				[2]			