

Question			Answer	Marks	AOs	Guidance	
3			$\int_1^3 3x^{-\frac{3}{2}} dx$	M1	1.1a	Attempt to integrate (ignore missing limits)	Do not award any A-marks if M0 is given
			$\left[-6x^{-\frac{1}{2}}\right]_1^3$	A1	1.1	Correct integration	
			$\frac{-6}{\sqrt{3}} - \frac{-6}{\sqrt{1}}$	A1	1.1	Correct limits seen at some point	
			$\frac{-6}{\sqrt{3}} + 6$	M1	1.1	Substitution of limits (condone one error)	
			$6 - 2\sqrt{3}$ AG	E1	2.1	Correct intermediate step using surds which follows from the substitution of limits and is not identical to given answer and completion	
				[5]			Given answer must be seen to score E1