Question	Answer	Marks	Guidance
	Use law of the logarithm of a product, power or quotient or a law of indices (on an expression that is relevant to the question)	**M1**	e.g. $\ln(e^{2x}+3)-\ln 3=\ln\left(\frac{e^{2x}+3}{3}\right)$ or $e^{(2x+\ln 3)}=e^{2x}e^{\ln 3}$
	State a correct equation without logs (in any form)	**A1**	e.g. $3+e^{2x}=3e^{2x}$
	Carry out correct method to solve an equation of the form $e^{2x}=a$, where $a>0$, or for solving $e^{x}=b$ $(b>0)$ if they have already taken the square root	**M1**	Allow for $x=\frac{1}{2}\ln\frac{3}{2}$. M1 can be implied by correct answer.
	Obtain answer $x = 0.203$	**A1**	CAO. The question requires 3 d.p. Answer only with no working shown is 0/4.
		4	