

2(a)	State or imply $2 = \log_4 4^2$
	Use log power, product or quotient law e.g. $2\log_4 (3x - 1) = \log_4 (3x - 1)^2$
	Obtain a correct equation in any form, free of logs
2(b)	Solve 3-term quadratic
	Obtain answer 4.59 only

2	Use logarithm of a root or a power
	Obtain $p^2(p-1) = e^3 \sqrt{q+1}$
	Obtain $q = \left(\frac{p^2(p-1)}{e^3} \right)^2 - 1$

1	Obtain a 3-term quadratic in e^x
	Obtain e.g. $3e^{2x} - 12e^x - 2 = 0$ or 3-term equivalent
	Solve a 3-term quadratic to obtain a value for x or e^x
	Obtain root $\frac{6 + \sqrt{42}}{3}$ or 4.16...
	Obtain answer 1.426 only