)	Use the trapezium rule with three intervals to show that the value of $\int_{1}^{4} \ln x  dx$ is approximate	tely
	ln 12.	[4]
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))	Use a graph of $y = \ln x$ to show that $\ln 12$ is an under-estimate of the true value of $\int_{1}^{4} \ln x  dx$ .	[2]
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