Question	Answer	Marks	Guidance
(a)	State or imply equation is $\ln y = (2x - a)\ln 4$	**B1**	OE. Do not condone poor use of brackets.
	State gradient is $2\ln 4$ and confirm $\ln 16$	**B1**	AG – necessary detail needed
		2	
(b)	Substitute for $\ln y$ and attempt value of a	**M1**	Allow if $\ln y = 2x - a\ln 4$
	Obtain $a = 15$	**A1**	Integer answer required, but condone 15.0
		2	