Question	Answer	Marks	Guidance
(a)	State or imply equation is $\ln y = \ln 3^{2a} + x \ln a$	B1	
	Equate gradient of line involving a to 0.239	M1	
	Obtain $\ln a = 0.239$ and hence $a = 1.27$	A1	
		3	
(b)	Substitute $y = 36$ in $\ln y = \ldots$ equation and solve for x	M1	Or substitute in original equation with necessary manipulation
	Obtain 3.32	A1	
		2	