Question	Answer	Marks	Guidance
	State or imply $n \ln x + 2 \ln y = \ln C$	**B1**	
	Substitute values of ln *y* and ln *x*, or equate gradient of line to $\pm\frac{1}{2}n$, but not $\pm n$, and solve for *n*	**M1**	Using ln*x* and ln*y* values
	Obtain $n = 0.8[0]$ or $0.8[00]$ or $\frac{4}{5}$	**A1**	
	Solve for *C*	**M1**	Using ln*x* and ln*y* values in equation of correct form, that is ln*C* not *C*. Allow $C = e^{2.668}$.
	Obtain $C = 14.41$	**A1**	Must be 2 d.p.
	Alternative method for question		
	Obtain two correct equations in *n* and *C* by substituting *x* and *y* values in the given equation	**B1**	$(2.886)^n \times (2.484)^2 = C$ and $(1.363)^n \times (3.353)^2 = C$
	Solve for *n*	**M1**	Using *x* and *y* values
	Obtain $n = 0.8[0]$ or $0.8[00]$ or 4/5	**A1**	$\left(\frac{2.886}{1.363}\right)^n \times \left(\frac{2.484}{3.353}\right)^2 = 1$ leading to $n = 0.7995$
	Solve for *C*	**M1**	Using *x* and *y* values
	Obtain $C = 14.41$	**A1**	Must be 2 d.p.
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