Question	Answer	Marks	Guidance
	Use product rule to differentiate $e^{2x}\cos 2y$	**M1**	Must be evidence of implicit differentiation
	Obtain $2e^{2x}\cos 2y - 2e^{2x}\sin 2y\dfrac{dy}{dx}$	**A1**	
	Obtain $\left[2e^{2x}\cos 2y - 2e^{2x}\sin 2y\dfrac{dy}{dx}+\right]\ \cos y\dfrac{dy}{dx}=0$	**B1**	
	Substitute x- and y-values to find value of first derivative	**M1**	Dependent at least two terms, with at least one involving $\dfrac{dy}{dx}$
	Obtain $\dfrac{2}{\sqrt{3}}$ or $\frac{2}{3}\sqrt{3}$ or exact equivalent	**A1**	
		5	