Question			Answer	Marks	AO	Guidance	
3			**DR** $5\sin 2x = 3\cos x \Rightarrow 10\sin x\cos x = 3\cos x$	**B1**	**1.1**	Use $\sin 2x = 2\sin x\cos x$ to obtain correct identity	**SC2** For use of identity followed by cancelling $\cos x$, leading to $\sin x = \frac{3}{10}$.
			$\cos x(10\sin x - 3) = 0$	**M1**	**1.1a**	Attempt to factorise	
			$\cos x \neq 0$ for $0° < x < 90°$	**E1**	**2.1**		
			so $\sin x = \frac{3}{10}$	**A1**	**1.1**		
				[4]			