4	$\sin(A+B) = \sin A \cos B + \cos A \sin B$	
	$\cos(A+B) = \cos A \cos B - \sin A \sin B$	
	(a) Write down an expression for $\sin 2A$ in terms of $\sin A$ and $\cos A$	(1)
	(b) Find an expression for $\cos 2A$ in terms of $\sin A$	(1)
	(b) I ma an expression for cos 211 in terms of sm 11	(2)
	(c) Show that $\sin 3A + \sin A = 4\sin A - 4\sin^3 A$	(4)
		(4)

Question 4 continued			
(Total for Question 4 is 7 marks)	••••		
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