

3	Uses either $\cos x \approx 1 - \frac{1}{2}x^2$ or $\sin x \approx x$ (PI)	AO1.2	B1	$\cos 3\theta + \theta \sin 2\theta \approx 1 - \frac{(3\theta)^2}{2} + \theta(2\theta)$ $\approx 1 - \frac{5}{2}\theta^2$
	Substitutes $2\theta$ and $3\theta$ into 'their' expression	AO1.1a	M1	
	Obtains correct answer	AO1.1b	A1	
	<b>Total</b>		<b>3</b>	