Answer ALL questions. Write your answers in the spaces provided.

1.	Given that θ is small and is measured in radians, use the small angle approximations to find an
	approximate value of

$$\frac{1 - \cos 4\theta}{2\theta \sin 3\theta}$$

)			

(3)

Question 1 continued			
(Total for Question 1 is 3 marks)			

