

9 Make  $g$  the subject of  $T = \sqrt{\frac{2r}{g}}$

(Total for Question 9 is 2 marks)

10 Given that  $y = 5x^4 + x^2(3x + 1)$

find  $\frac{dy}{dx}$

$$\frac{dy}{dx} = \dots$$

(Total for Question 10 is 3 marks)

