

4 The equation of a curve is  $y = x^3 \sin x$

Find an equation of the tangent to the curve at the point on the curve where  $x = \frac{1}{2}$

Give your answer in the form  $y = mx + c$

(7)

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**Question 4 continued**

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**(Total for Question 4 is 7 marks)**



P 7 1 8 1 9 A 0 1 1 3 6