

6 Solve the equation

$$\log_2 x^3 + \log_4 x^2 - 3 \log_x 2 = 0$$

giving your answers to 3 significant figures.

(8)

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Question 6 continued

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(Total for Question 6 is 8 marks)

P 7 2 8 6 4 A 0 1 5 3 2