

9 Showing your working clearly, use algebra to solve the equations

$$\frac{16^x}{8^y} = \frac{1}{4}$$

$$4^x 2^y = 16$$

(7)

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Question 9 continued

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(Total for Question 9 is 7 marks)



P 6 2 2 8 3 A 0 2 9 4 0