

12 $\frac{35 \times (\sqrt[3]{25})^{6(2a-3)}}{7 \times 25^{2a+1}} = 5^w$

Find an expression for w in terms of a

Give your answer in the form $na + m$ where n and m are integers.

(4)

DO NOT WRITE IN THIS AREA

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DO NOT WRITE IN THIS AREA

(Total for Question 12 is 4 marks)

TOTAL FOR PAPER IS 100 MARKS

