

DO NOT WRITE IN THIS AREA

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- 23** y is directly proportional to x^3
 x is inversely proportional to the square root of w .

$$y = 729 \text{ when } x = 4.5$$

$$x = 25 \text{ when } w = 0.16$$

Find a formula for y in terms of w .

(Total for Question 23 is 5 marks)

