

DO NOT WRITE IN THIS AREA

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13  $y$  is directly proportional to  $x$ .

$$y = 24 \text{ when } x = 1.5$$

Work out the value of  $y$  when  $x = 5$

$$y = \dots\dots\dots$$

(Total for Question 13 is 3 marks)

14 (a) Write  $\frac{1}{16}$  in the form  $4^n$  where  $n$  is an integer.

.....  
(1)

(b) Work out the value of  $8^{\frac{5}{3}} - 9^{\frac{3}{2}}$

.....  
(3)

(Total for Question 14 is 4 marks)

