

4 $x = 4.2 \times 10^5$ and $y = 6 \times 10^{-100}$

(a) Write x as an ordinary number.

(1)

(b) Calculate xy

Give your answer in standard form.

(2)

(c) Calculate $\frac{x}{y}$

Give your answer in standard form.

(2)

(d) Using the values of x and y above, write the following in order of size

$$x \quad y \quad \sqrt{x} \quad \sqrt{y}$$

Start with the smallest value.

(2)

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Question 4 continued

Handwriting practice area with horizontal dotted lines.

(Total for Question 4 is 7 marks)

