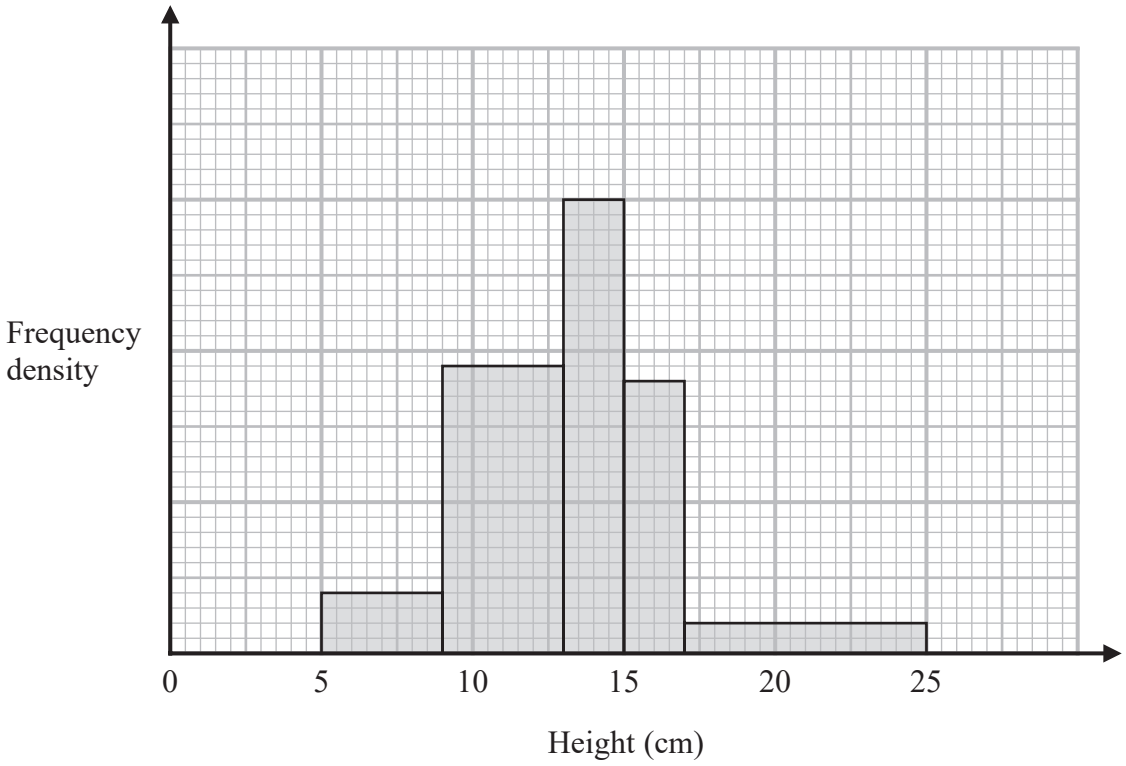
1. The histogram below shows the distribution of the heights, to the nearest cm, of 408 plants.



(a) Use the histogram to complete the following table.

Height (h cm)	$5 \leqslant h < 9$	$9 \leqslant h < 13$	$13 \leqslant h < 15$	$15 \leqslant h < 17$	$17 \leqslant h < 25$
Frequency	32	152	120		

(2)

(b) Use interpolation to estimate the median.

(2)

The mean height of these plants is 13.2 cm correct to one decimal place.

(c) Describe the skew of these data. Give a reason for your answer.

(1)

Two of these plants are chosen at random.

(d) Estimate the probability that both of their heights are between 8 cm and 14 cm

(3)

DO NOT WRITE IN THIS AREA

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Question 1 continued

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Question 1 continued

(Total for Question 1 is 8 marks)