I recorded the heights (h) of 10 people in cm.

158·2	146·4	167·2	174·5	160·3
162·1	167·3	179·6	157·1	152·8

a) Construct a frequency distribution table. (Headings: Height, f, x & fx)

Height (cm)	f	x	fx
$140 \leq h < 150$	1	145	$1 \times 145 = 145$
$150 \leq h < 160$	3	155	$3 \times 155 = 465$
$160 \leq h < 170$	4	165	$4 \times 165 = 660$
$170 \leq h < 180$	2	175	$2 \times 175 = 350$
	$\Sigma f = 10$		$\Sigma fx = 1620$

b) Estimate the mean.

$$\text{Mean} = \frac{\Sigma fx}{\Sigma f}$$

$$= \frac{1620}{10}$$

$$= 162 \text{ cm}$$

c) Which height class contains the median height?

$160 \leq h < 170$

d) Find the modal class.

$160 \leq h < 170$