

1. Here is a set of data.

6 8 4 12 13 9 5 8 15

Work out the,

(i) Median

8

(ii) Mode

8

(iii) Range

11

(iv) Mean

9

(5 marks)

2. Here is a list of house numbers of 20 students in a class.

 45 24 19 35 32 16 14 42 35 12
 21 33 16 20 22 25 28 24 17 32

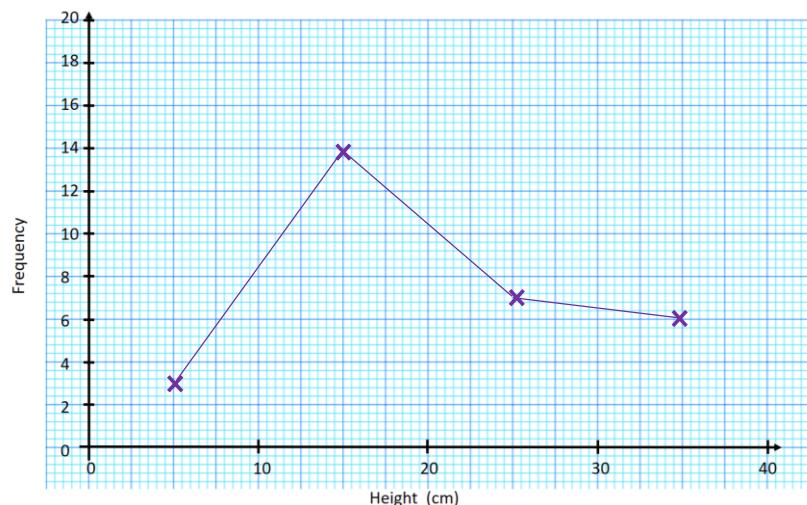
Use this data to draw a stem and leaf diagram below.



(3 marks)

3. The table show the heights of 30 different plants.

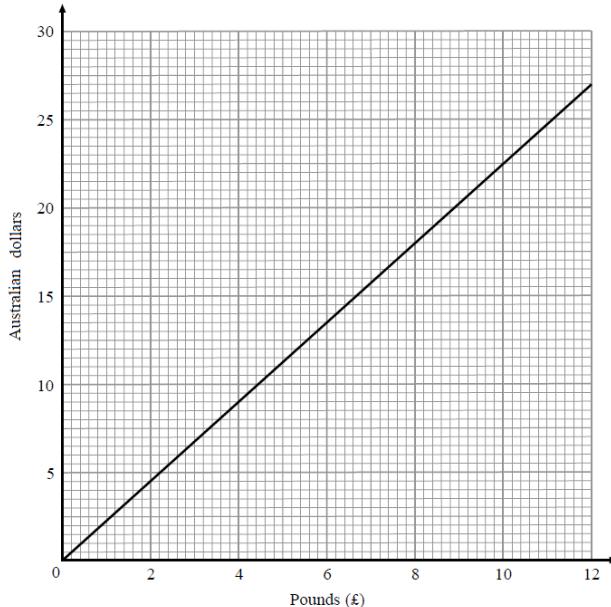
Height (cm)	Frequency
$0 < h \leq 10$	3
$10 < h \leq 20$	14
$20 < h \leq 30$	7
$30 < h \leq 40$	6



Draw a frequency polygon of this data.

(2 marks)

4.



Convert

- (i) £10
- (ii) 10 AUD
- (iii) £30
- (iv) 80 AUD

22.5 AUD
£4.40
67.5 AUD
£90

(4 marks)

5. The table show the heights of 30 different plants.

Height (cm)	Frequency
$0 < h \leq 10$	3
$10 < h \leq 20$	14
$20 < h \leq 30$	7
$30 < h \leq 40$	6

(a) State the modal class interval.

 20 < $h \leq 30$

(b) Find the group that contains the median.

 10 < $h \leq 20$

(c) Estimate the mean.

20.3

(5 marks)

6. Louis is cycling at an average speed of 25 mph.

His journey took 3 hours to complete.

How far did he travel?

75 miles

(2 marks)

Score =