

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.

```

1 | 2 2 6 6 7 9
2 | 0 1 4 4 4 5 8
3 | 2 2 3 5 5
4 | 2 5
    
```

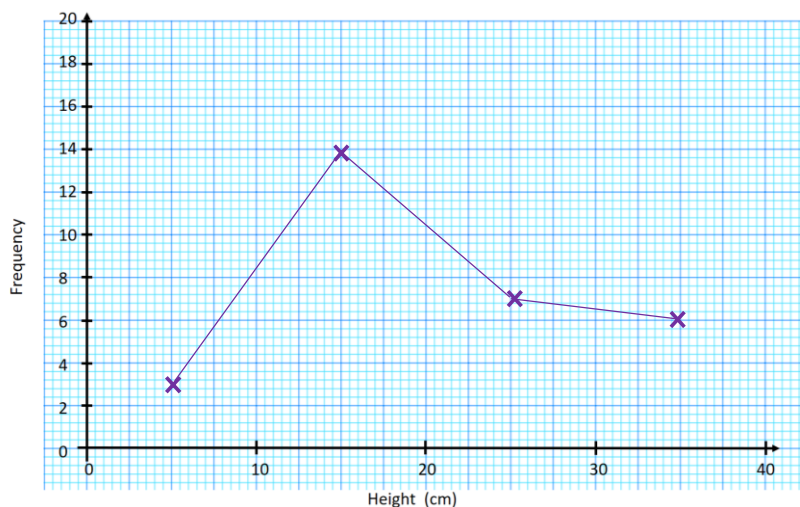
Key

3 | 2 = 32

(3 marks)

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

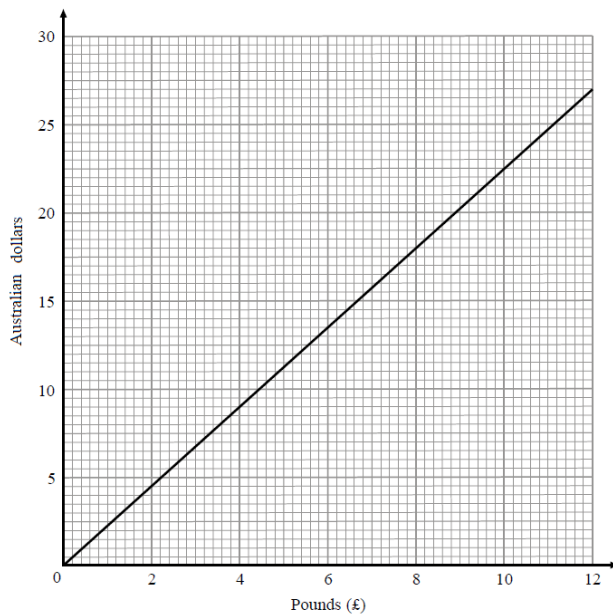
Height (cm)	Frequency
$0 < h \leq 10$	3
$10 < h \leq 20$	14
$20 < h \leq 30$	7
$30 < h \leq 40$	6



Draw a frequency polygon of this data.

(2 marks)

4.



Convert

(i) £10

22.5 AUD

(ii) 10 AUD

£4.40

(iii) £30

67.5 AUD

(iv) 80 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
$30 < t \leq 40$	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 =