

1. Here is a set of data.

4 5 7 13 3 4 10 17

Work out the,

(i) Median

.....6.....

(ii) Mode

.....4.....

(iii) Range

.....12.....

(iv) Mean

.....7.....

(5 marks)

2. Here is a list of ages of members of a runners club.

32 42 18 35 24 28

20 27 31 18 19 25

15 20 36 29 45 31

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

```

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

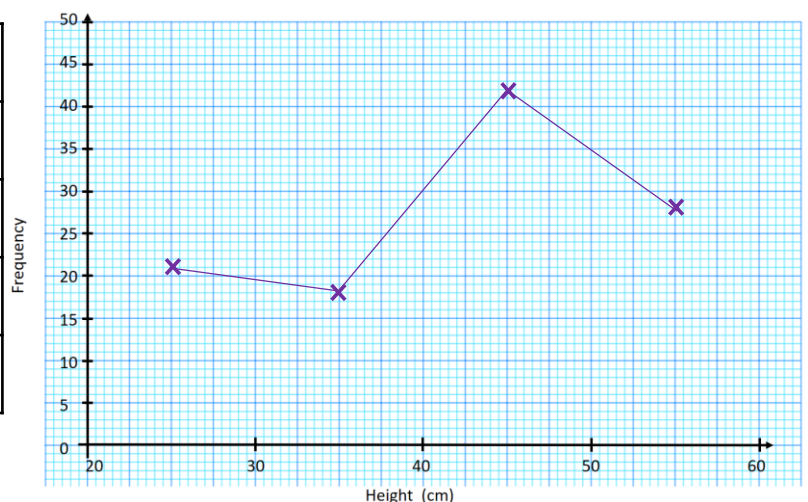
Key

2 | 4 = 24

(3 marks)

3. The table show the heights of 54 different dogs.

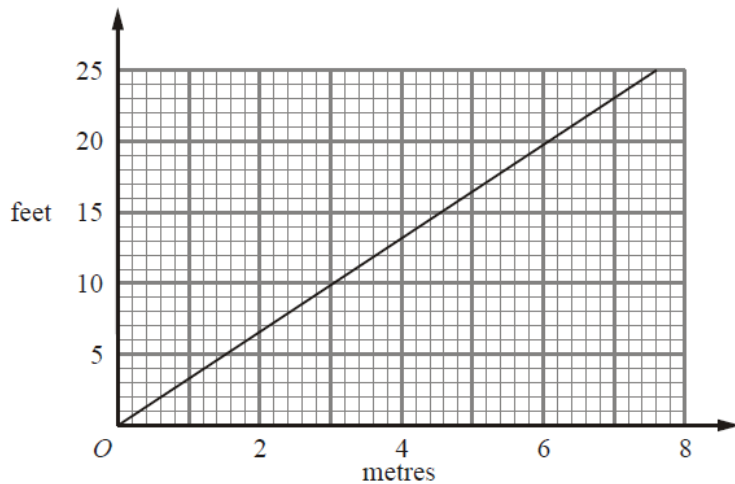
Height (cm)	Frequency
$20 < h \leq 30$	21
$30 < h \leq 40$	18
$40 < h \leq 50$	42
$50 < h \leq 60$	29



Draw a frequency polygon of this data.

(2 marks)

4.



Convert

(i) 6 m

20 feet

(ii) 13 feet

4 metres

(iii) 30 m

100 feet

(iv) 80 feet

24 metres

(4 marks)

5. The table show the heights of 54 different dogs.

Height (cm)	Frequency
$20 < h \leq 30$	9
$30 < h \leq 40$	24
$40 < h \leq 50$	18
$50 < h \leq 60$	3

(a) State the modal class interval.

$30 < h \leq 40$

(b) Find the group that contains the median.

$30 < h \leq 40$

(c) Estimate the mean.

37.7

(5 marks)

6. Hannah is running at an average speed of 8 m/s.

How long will it take her to run the 100 meter sprint?

12.5 seconds

(2 marks)

Score =