

1. Here is a set of data.

5 2 8 13 5 10 6

Work out the,

(i) Median

.....

(ii) Mode

.....

(iii) Range

.....

(iv) Mean

.....

(5 marks)

2. Here is a list of ages of 20 people in a clothes store.

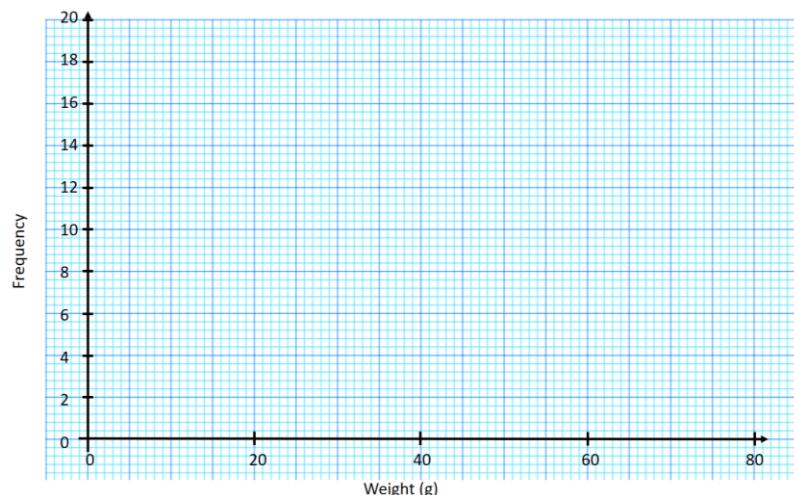
24 13 32 8 22 15 11 9 31 18
30 7 15 23 12 24 29 25 19 20

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

(3 marks)

3. The table show the time it took 40 employees to get to work.

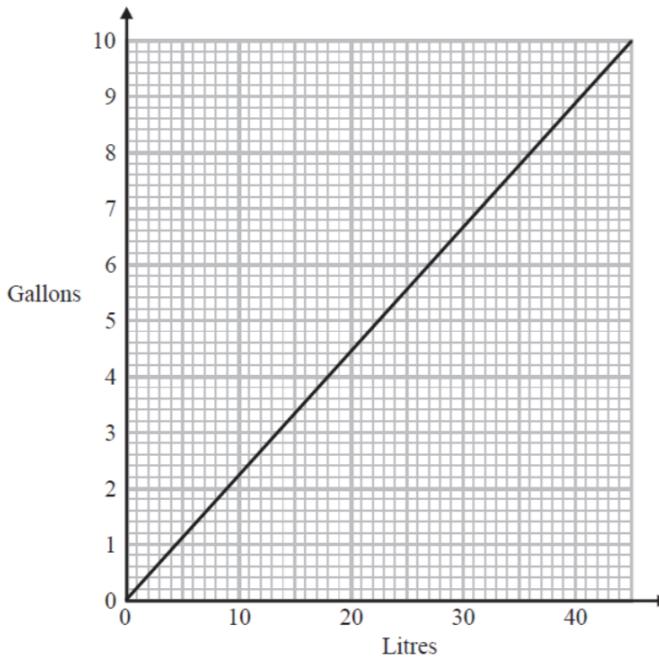
Time (minutes)	Frequency
$0 < t \leq 20$	4
$20 < t \leq 40$	6
$40 < t \leq 60$	18
$60 < t \leq 80$	2



Draw a frequency polygon of this data.

(2 marks)

4.



Convert

 (i) 20 litres

 (ii) 6 gallons

 (iii) 40 litres

 (iv) 24 gallons

(4 marks)

5. The table show the time it took 30 employees to get to work.

Time (minutes)	Frequency
$0 < t \leq 20$	4
$20 < t \leq 40$	6
$40 < t \leq 60$	18
$60 < t \leq 80$	2

(a) State the modal class interval.

(b) Find the group that contains the median.

(c) Estimate the mean.

(5 marks)

6. Mark is going to a concert which is 40 km away.

His average speed on the journey was 80 kmph, how long will it take him to get there?

....

(2 marks)

Score =