

1. Here is a set of data.

5 5 2 5 9 3 6

Work out the,

(i) Median

..... 5

(ii) Mode

..... 5

(iii) Range

..... 6

(iv) Mean

..... 5

(5 marks)

2. Here is a list of ages of 20 people in a cinema.

16 18 16 23 15 9 17 24 36 20
31 10 14 15 11 32 38 13 21 16

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

```

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

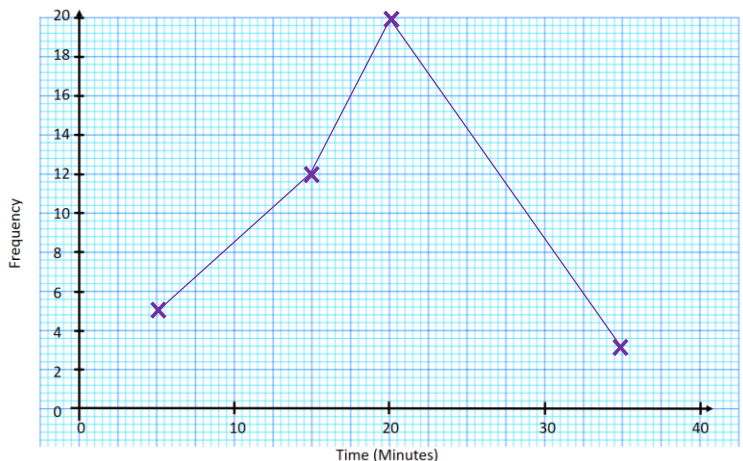
Key

1 | 5 = 15

(3 marks)

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

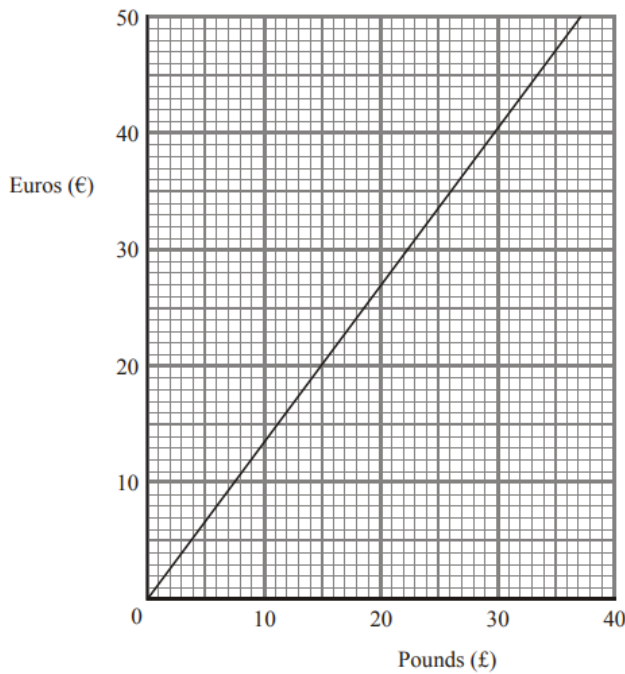
Time (Minutes)	Frequency
$0 < t \leq 10$	5
$10 < t \leq 20$	12
$20 < t \leq 30$	20
$30 < t \leq 40$	3



Draw a frequency polygon of this data.

(2 marks)

4.



Convert

(i) £30

40 €

(ii) 20 Euros

£15

(iii) £20

27 €

(iv) 30 Euros

£23

(4 marks)

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

Time (Minutes)	Frequency
$0 < t \leq 10$	5
$10 < t \leq 20$	12
$20 < t \leq 30$	20
$30 < t \leq 40$	3

(a) State the modal class interval.

$20 < t \leq 30$

(b) Find the group that contains the median.

$20 < t \leq 30$

(c) Estimate the mean. $\frac{810}{40}$

20.25

(5 marks)

6. Louise is travelling to her grandparents who live 30 miles away.

If she is traveling at an average speed of 60 mph, how long will it take her to get there?

$\frac{1}{2}$ an hour

(2 marks)

Score =