

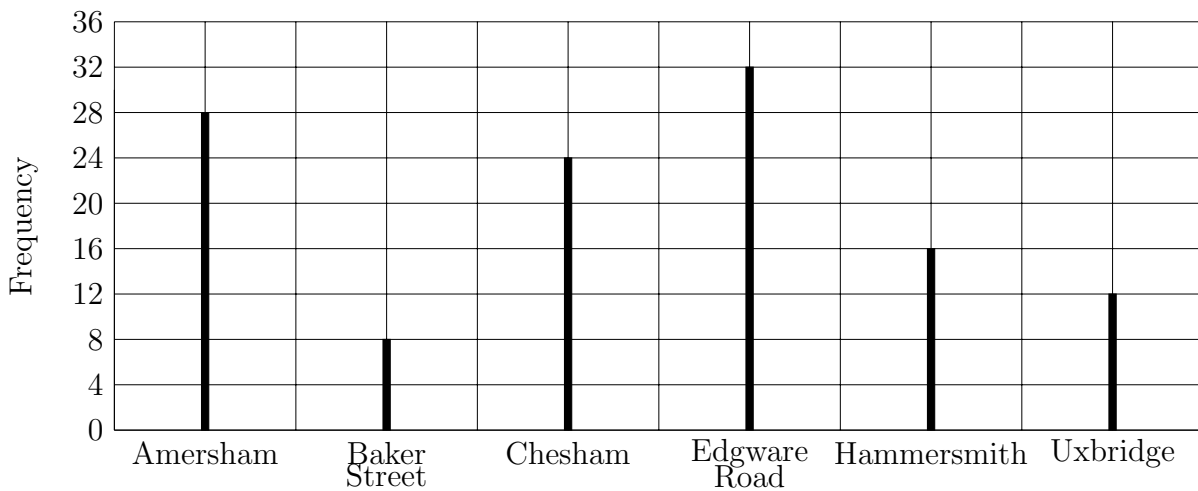
1. A student collects data on the final destination of trains from a station.

The {(a) pictogram} shows information about the final destination of these tube trains.

Amersham	⊖ ⊖ ⊖ ⊖
Baker Street	⊖
Chesham	⊖ ⊖ ⊖
Edgware Road	⊖ ⊖ ⊖ ⊖
Hammersmith	⊖ ⊖
Uxbridge	⊖ ⊖

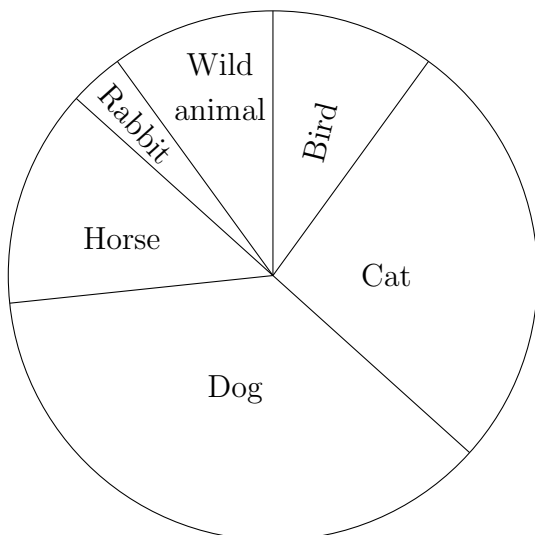
Key ⊖ represents 8 tube trains

(b) line graph



Write down the mode final destination.

(c) This pie chart {OR (d) frequency table} shows the favourite pet of 30 students.



(d)

Pet	Frequency
Bird	3
Cat	8
Dog	11
Horse	4
Rabbit	1
Wild animal	3

Write down the mode.

2. The frequency table shows information about the number of goals a football team scored at every match last season.

Number of goals	Frequency	{suggest students write out all data values}
0	6	{e.g. 0 0 0 0 0 0 }
1	10	{e.g. 1 1 1 1 1 1 1 1 1 1 }
2	7	
3	3	
4	5	
5	1	

- (a) Write down the range.
 (b) Write down the mode number of goals.
 (c) Write down the median number of goals.

The frequency table shows information about the number of goals a football team scored at every match last season.

Number of goals	Frequency
0	6
1	10
2	7
3	3
4	5
5	1

3. (a) Write down the mode number of goals.
 (b) Write down the range.
 (c) Write down the median number of goals.
5. Work out the mean number of goals.
 Give your answer to 1 decimal place.

4. The frequency table shows information about the number of goals a football team scored at every match last season.

Number of goals	Frequency	Space for calculation
0	6	$0 \times 6 = \dots$
1	10	$1 \times 10 = \dots$
2	7	$2 \times 7 = \dots$
3	3	
4	5	
5	1	
total number of \rightarrow		\leftarrow total number of

- (a) Write down the number of matches the team played last season.
 (b) Write down the total number of goals the team scored last season.
 (c) Write down the mean number of goals the team scored last season.
6. This table shows information about the foot lengths of 30 boys.

Length (f cm)	Frequency
$16 < f \leq 18$	0
$18 < f \leq 20$	2
$20 < f \leq 22$	3
$22 < f \leq 24$	11
$24 < f \leq 26$	10
$26 < f \leq 28$	4

Estimate the mean foot length for these boys.

Give your answer to 1 decimal place.