

Reading Information from Frequency Tables

(a)

The frequency table shows how some students got to school.

| Method of Travel | Frequency |
|------------------|-----------|
| Car | 13 |
| Bus | 11 |
| Tram | 8 |
| Bike | 3 |
| Walk | 5 |

(i) How many students travel to school by bus?

(ii) What is the most common method of travel?

(iii) How many more students travelled by car than by tram?

(iv) What was the total number of students surveyed?

(b)

The frequency table shows the number of TVs in each household surveyed.

| Number of TVs | Frequency |
|---------------|-----------|
| 0 | 5 |
| 1 | 14 |
| 2 | 19 |
| 3 | 9 |
| 4 or more | 3 |

(i) How many households had no TV?

(ii) What was the most common number of TVs to have?

(iii) How many households had 3 or more TVs?

(iv) What was the total number of households surveyed?

(c)

The frequency table shows the number of text messages sent by Nadiya on each weekday.

| Day of the Week | Frequency |
|-----------------|-----------|
| Monday | 12 |
| Tuesday | 15 |
| Wednesday | 7 |
| Thursday | 16 |
| Friday | 20 |

(i) On which day did Nadiya send the least text messages?

(ii) How many text messages did Nadiya send over all 5 days?

(iii) How many more messages did Nadiya send on Friday than on Monday?

(iv) What fraction of the messages Nadiya sent were sent on Tuesday?

(d)

The frequency table shows the number of goals scored by Manchester United in each game of the season 24/25.

| Number of goals | Frequency |
|-----------------|-----------|
| 0 | 15 |
| 1 | 10 |
| 2 | 6 |
| 3 | 6 |
| 4 | 1 |

(i) What is the most common number of goals scored?

(ii) How many games did Manchester United play in total?

(iii) In how many games did they score 2 or more goals?

(iv) In what percentage of games did Manchester United score no goals?