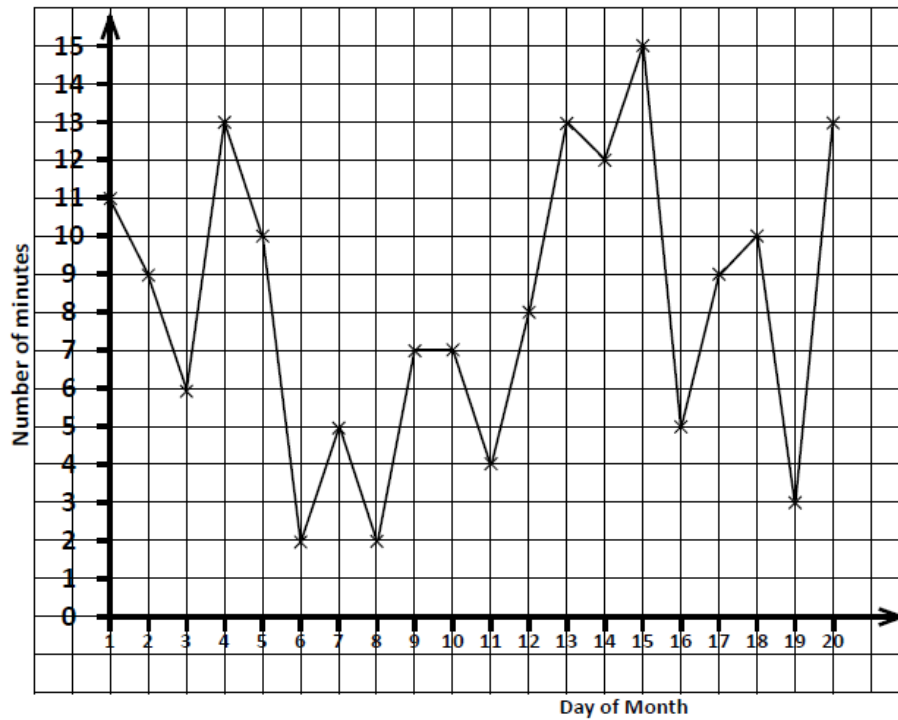


- (1) This line graph shows the number of minutes a pupil spent reading on each of the first 20 days of one month. Use this line graph to answer the questions below.



- (a) How many minutes were spent reading on the 8th day of the month?
- (b) On which day did the pupil spend the most time reading?
- (c) Exactly 8 minutes were spent reading on which day of the month?
- (d) On which two consecutive days were the same number of minutes spent reading?
- (e) On which days of the month were exactly 10 minutes spent reading?
- (f) How many minutes were spent reading on the 14th day of the month?
- (g) On which other day were the same number of minutes spent reading as the number spent on the 2nd?

2 minutes

15th

12th

9th and 10th

5th and 18th

12 minutes

17th

- (1) This pie chart shows the method used by 40 pupils to get to school.

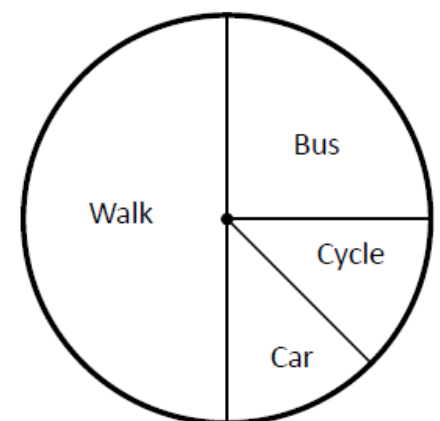
- (a) How many pupils walked?
- (b) How many pupils came by bus?
- (c) How many pupils cycled?
- (d) How many pupils came by car?

20

10

5

5



- (1) This timetable shows the times of some buses from Bus Station to Octagon Park.
Use the timetable to answer the questions below.

Bus Station	07 05	08 14	09 36	10 32	11 56	13 10	14 22	15 23
Square Street	07 14	08 23	09 45	10 41	12 10	13 19	14 31	15 32
Circle Road	07 23	08 32	09 54	10 50	12 19	13 28	14 40	15 41
Triangle Drive	07 38	08 47	10 09	11 05	12 34	13 43	14 55	15 56
Hexagon Avenue	07 46	08 55	10 17	11 13	12 42	13 51	15 03	16 04
Pentagon Place	07 52	09 01	10 23	11 19	12 48	13 57	15 09	16 10
Octagon Park	08 00	09 09	10 32	11 27	12 52	14 05	15 17	16 16

- (a) What time does the 09 36 from Bus Station arrive in Octagon Park? **10 32**
- (b) If you get on the bus at Square Street at 14 31, what time will you get to Hexagon Avenue? **15 03**
- (c) How many minutes does it take to get from Triangle Drive to Pentagon Place? **14 minutes**
- (d) If you miss the 09 36 bus from Bus Station by one minute, how long will you have to wait for the next bus? **55 minutes**
- (e) What time does the last bus on the timetable leave Circle Road for Octagon Park? **15 41**
- (f) If you want to be in Triangle Drive by 13 50, what time is the last bus you could catch from Bus Station? **13 10**

- (1) The time, in minutes, a pupil spent on homework during five nights were:

20 minutes, 22 minutes, 18 minutes, 36 minutes, 24 minutes

Find the mean number of minutes spent on homework for the five nights.

$$20 + 22 + 18 + 36 + 24 = 120$$

$$120 \div 5 = 24$$

Mean time: **24 minutes**

- (2) A runner ran four 400 m races one week. The times in seconds for each race were:

58 seconds, 62 seconds, 65 seconds, 59 seconds

Find the mean time in seconds for the four races.

$$58 + 62 + 65 + 59 = 244$$

$$244 \div 4 = 61$$

Mean time: **61 seconds**