

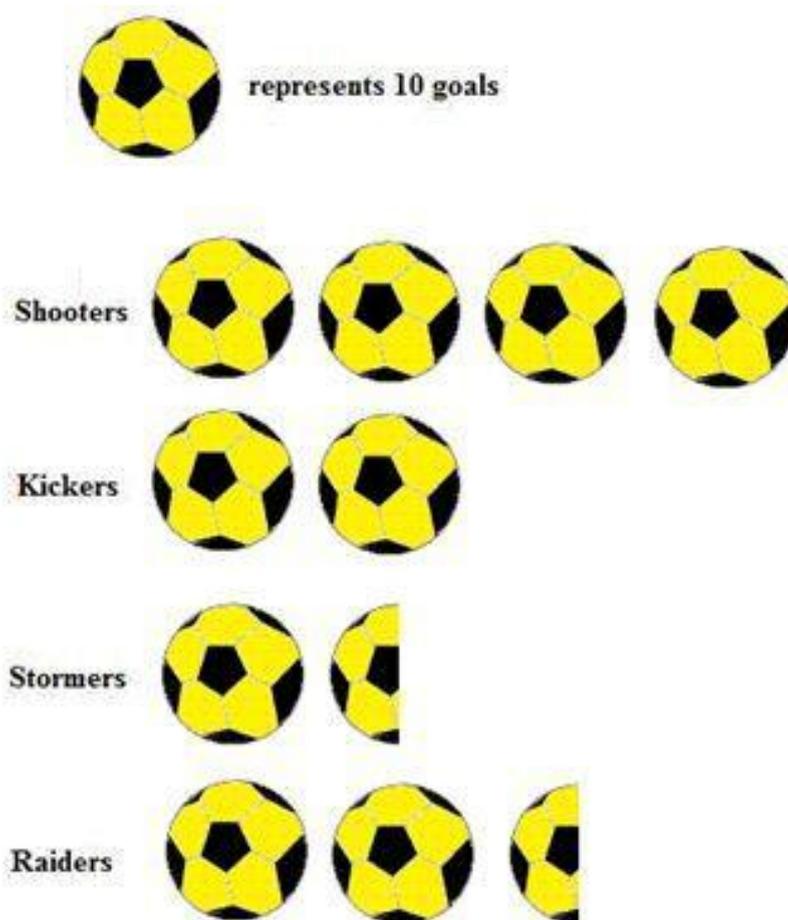
Board- CBSE

Std- 6

Topic- Data Handling

Solved Questions

Q 1. The pictograph shows the numbers of goals scored by four soccer teams in a season. How many goals did Kickers score?



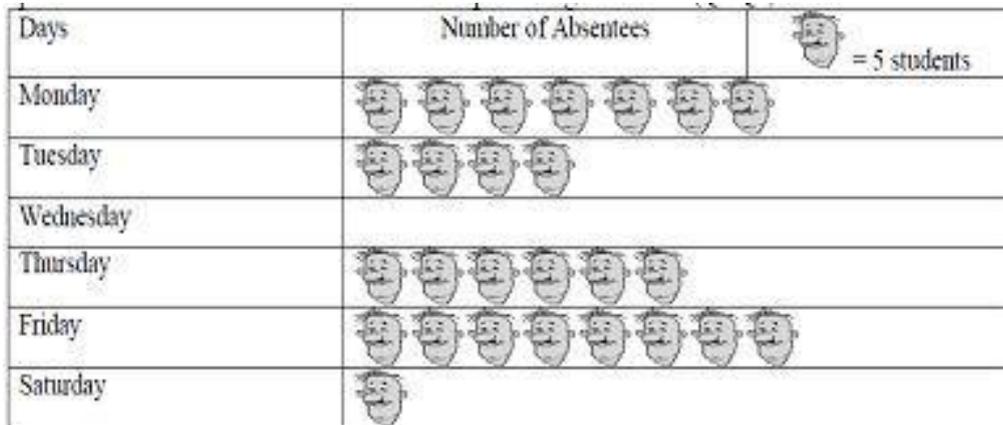
- a. 20
- b. None of these
- c. 10
- d. 15

1. Sol:

- a. 20

Explanation:  $2 \times 10 = 20$

Q 2. The following pictograph shows the number of absentees in a class of 50 students during the previous week. On which day were the maximum number of students absent?



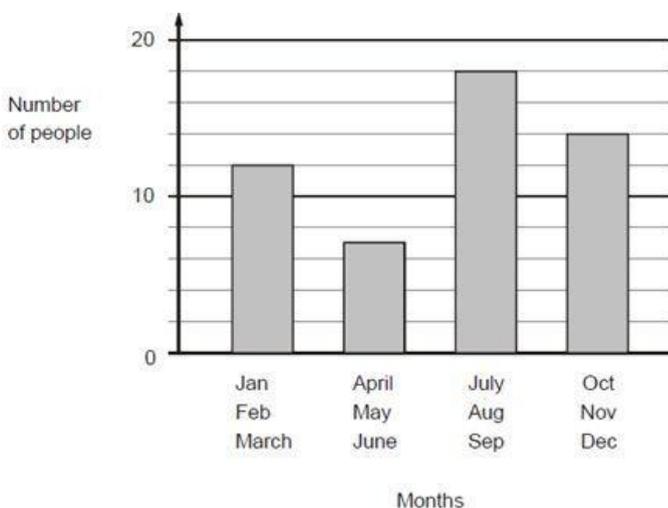
- a. Saturday
- b. Friday
- c. Thursday
- d. Wednesday

Sol:

- b. Friday

Explanation: As Friday has number of absentees  $8 \times 5 = 40$ . Highest number in the week.

Q 3. This chart shows the number of people with birthdays in each three months of the year. How many people have a birthday before July?



- a. None of these
- b. 7
- c. 12
- d. 19

Sol: d 19

Explanation:  $12 + 7 = 19$

Q 4. In a village six fruit merchants sold the following number of fruit baskets in a particular season. How many fruit baskets were sold by Rahim?

Name of fruit merchants	Number of fruit baskets	 - 100 Fruit baskets
Rahim		
Lakhanpal		
Anwar		
Martin		
Ranjit Singh		
Joseph		

- a. 700
- b. 400
- c. 500
- d. 650

Sol: b. 400

Explanation:  $4 \times 100 = 400$

Q 5. The colors of fridges preferred by people living in a locality are shown by the following pictograph

which color most liked by the people?

Colours	Number of people	 - 10 People
Blue		
Green		
Red		
White		

Sol:

$$\text{Number of people liked Red colour} = 5 \times 10 + 5 = 55$$

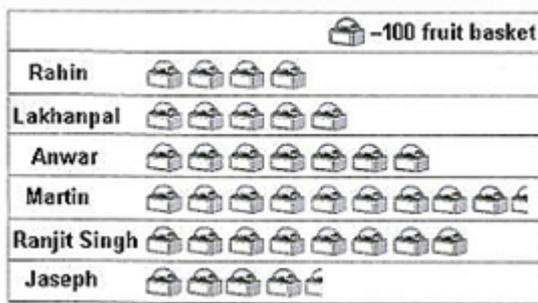
$$\text{Number of people liked White colour} = 2 \times 10 = 20$$

$$\text{Number of people liked Green colour} = 3 \times 10 = 30$$

$$\text{Number of people liked Blue colour} = 5 \times 10 = 50$$

Hence, Red colour most liked by the people.

Q 6. In a village six fruit merchants sold the following number of fruit baskets in a particular season:



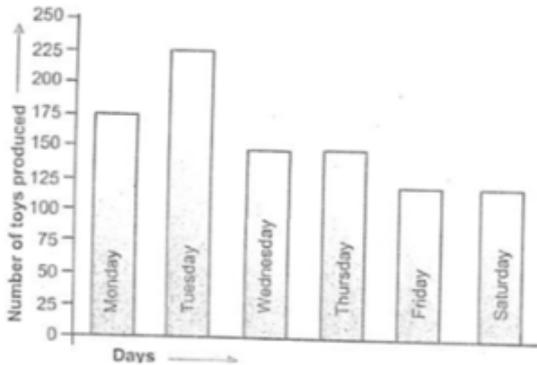
Observe this pictograph and answer the following questions:

- Which merchant sold the maximum number of baskets?
- How many fruit baskets were sold by Answer?
- The merchants who have sold 600 or more number of baskets are planning to buy a godown for the next season. Can you name them?

Sol:

- martin sold the maximum number of baskets.
- $7 \times 100 = 700$  fruit baskets were sold by Answer.
- Answer, Martin and Ranjit Singh are planning to buy a godown for the next season.

Q 7. The bar graph shows the number of toys produced by a factory during a certain



week:

Answer the following questions:

- On which day the maximum number of toys were produced?
- On which day equal number of toys were produced?
- What is the total number of toys produced during the week?
- In which day minimum number of toys were produced?

Sol:

- The maximum number of toys were produced on Tuesday.
- Wednesday and Thursday, Friday and Saturday have equal number of toys were produced.
- Total number of toys produced in the week =  $175 + 225 + 150 + 150 + 125 + 125 = 900$
- Minimum number of toys were produced on Friday and Saturday.

Q 8. The result of a Mathematics test is as follows:

80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60

Make a frequency table for the above data and answer the following questions:

(a) What is the maximum marks obtained?

Marks obtained	Tally marks	Frequency
60		5
65		3
70		6
80		5
85		2
100		1

- (b) How many students score less than 75 marks?
- (c) How many students scored 80 marks or above?
- (d) How many students appeared in the test?

Solution:

From the above information, we have the following table.

- (a) Maximum marks obtained by a student = 100
- (b)  $5 + 3 + 6 = 14$  students obtained marks less than 75 .
- (c)  $5 + 2 + 3 + 1 = 11$  students scored marks 80 or above 80 .
- (d) Total 25 students were appeared in the test.

Q 9. Mr. Rajan made a pictograph given below to show the number of cars washed at a car washing station during three days of a week.

Days	Number of cars washed	One  = 5 cars
Friday		
Saturday		
Sunday		

From the pictograph, find that:

- (a) How many cars were washed on
  - (i) Friday
  - (ii) Saturday
  - (iii) Sunday?
- (b) On which day the maximum number of cars were washed at the station?
- (c) On which day the minimum number of cars were washed at the station?
- (d) How many more cars were washed on Saturday than on Friday?

Solution:

- (a) (i) On Friday –  $4 \times 5 = 20$  cars
- (ii) On Saturday –  $9 \times 5 = 45$  cars
- (iii) On Sunday –  $7 \times 5 = 35$  cars.
- (b) On Saturday, the maximum number of cars, i.e.  $9 \times 5 = 45$  were washed at the

stations.

(c) On Friday, the minimum number of cars,

i.e.  $4 \times 5 = 20$  were washed on the station.

(d)  $45 - 20 = 25$  more cars were washed on Saturday than on Friday.

Q10. Read the pictograph given below and answer the following questions: Persons employed in one year

Job	Number of persons	Each  = 3000 persons
Private service		
Government service		
Factory service		

(a) What is the number of persons employed in government service?

(b) How many more person were employed in government service than in private service?

(c) In which service, were the maximum number of persons employed?

Solution:

(a) Number of persons employed in government service =  $10 \times 3000 = 30,000$

(b)  $10 \times 3000 - 6 \times 3,000 = 30,000 - 18,000 = 12,000$  persons were employed more in government service than in private service.

(c) In government service, the maximum number of persons were employed.