

3. How many students like English ?
4. How many students like Computer Studies ?
5. How many students like Hindi and Arts ?

Arts
8
9
11

EXERCISE 17(A)

The table below represents the favourite fast foods of children. Read carefully and answer the questions given below.

Pizza	III
Burger	III III
Sandwich	IIII
Noodles	III I
Pasta	II

- (a) Which food is the most popular among the students ?
- (b) Which is the least popular food among the students ?
- (c) How many children are represented in the table altogether ?
- (d) Number of children who like noodles is _____ .
- (e) How many children like pizza and burger ?
- (f) How many children like sandwich and pasta ?
- (g) Number of children who like noodles and pizza is _____ .

Burger
pasta
25

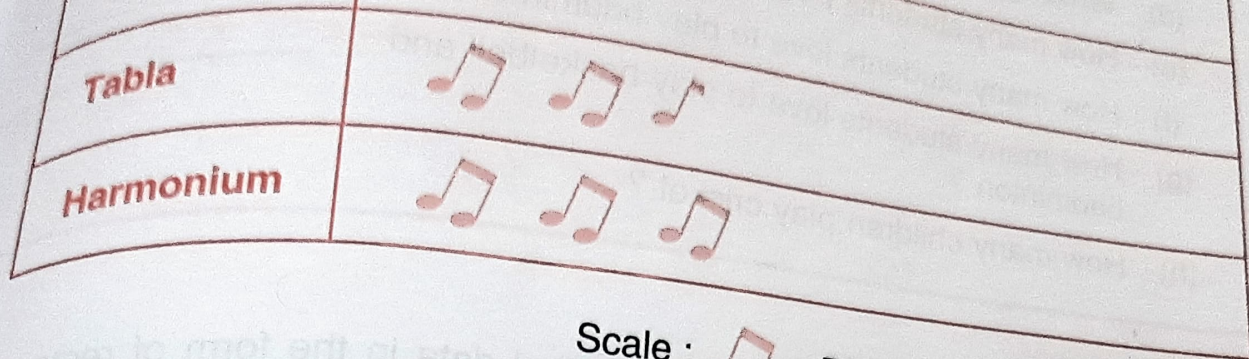
6
13
6
11



[Each glass represents 20 glasses of juice and shake.]

- What is the weekly sale of shakes at the juice corner ?
- Which juice or shake is the most popular ?
- What is the total sale of mixed fruit juice and orange juice together ?
- Which juice or shake is the least popular ?
- How many glasses of banana shake are sold in a week ?
- What number of glasses of strawberry shake are sold in a week ?
- How many glasses of chocolate shake and pineapple juice are sold ?
- What is the sale of pineapple juice ?

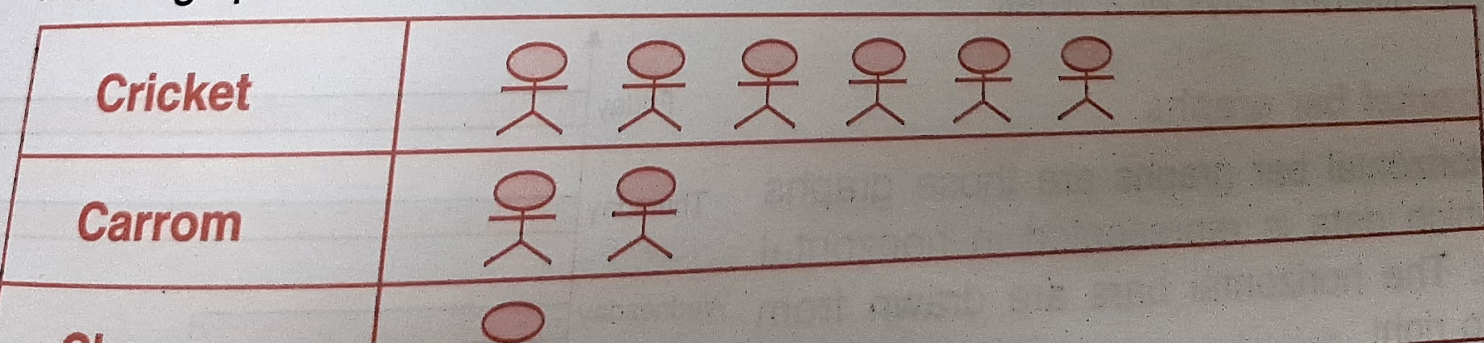
660
 chocolate
260
 strawberry
100
240
80



Scale : = 500 children ; = 250 children

- (a) How many students are there in the music school ?
- (b) How many children like to play guitar ? 8250
- (c) What is the number of students who love to play harmonium ? 2750
- (d) Which instrument is the most popular ? 1800
Guitar
- (e) Which instrument is the least popular ? Flute
- (f) How many children like to play flute and tabla ? 2000
- (g) What is the number of children who love to play piano and harmonium ? 3500
- (h) How many children love to play guitar and flute ? 3500

4 The table below shows the games which are played in a school. Answer the following questions after observing the pictograph carefully.



Each (stick figure) represents 50 students.

- (a) How many students love to play a game ?
- (b) How many students love to play chess ?
- (c) Which game is the most popular among children ?
- (d) Which game is the least popular among children ?
- (e) How many students play carrom and chess ?
- (f) How many students love to play badminton ?
- (g) How many students love to play basketball and badminton ?
- (h) How many children play cricket ?

800
50
300
50
150
200
350

300

17.3 BAR GRAPH

A bar graph is the representation of numerical data in the form of rectangular bars having standard width but variable length according to the scale chosen.

There are two types of bar graphs :

- 1. Vertical bar graphs
- 2. Horizontal bar graphs

Vertical bar graph

Vertical bar graphs are those graphs in which data is represented in vertical bars. The vertical bars are drawn from bottom going upwards.

