

3 The pictograph below shows the musical instruments which students play in a music school. Answer the following questions after observing the pictograph carefully.

Guitar	
Piano	
Flute	
Tabla	
Harmonium	

Scale : = 500 children ; = 250 children

- (a) How many students are there in the music school ? 8250
- (b) How many children like to play guitar ? 2750
- (c) What is the number of students who love to play harmonium ? 1500
- (d) Which instrument is the most popular ? 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

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

Cricket	
Carrom	
Chess	
Badminton	
Basket ball	

Each () represents 50 students.

- (a) How many students love to play a game ? 800
- (b) How many students love to play chess ? 50
- (c) Which game is the most popular among children ? cricket
- (d) Which game is the least popular among children ? chess
- (e) How many students play carrom and chess ? 150
- (f) How many students love to play badminton ? 200
- (g) How many students love to play basketball and badminton ? 350
- (h) How many children play cricket ? 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.

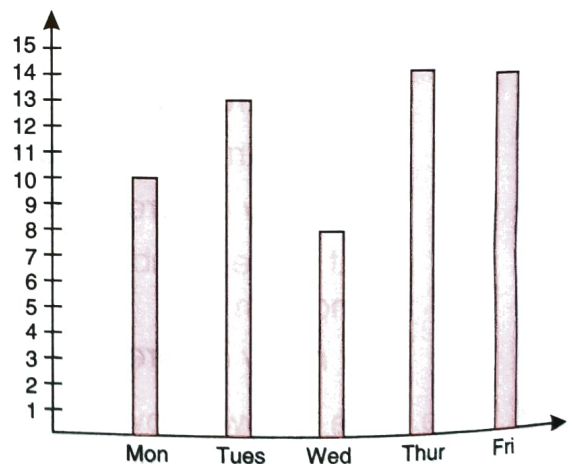
There are two types of bar graphs :

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.

The graph given alongside is representing the number of people visiting a cinema hall on five different days of a week.



Horizontal bar graphs

Horizontal bar graphs are those graphs in which data is represented in horizontal bars. The horizontal bars are drawn from left to right.

The graph given alongside is representing the same data as shown in the vertical bar graph.

