


Each () 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
 Cricket
 Chess
 250
 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.

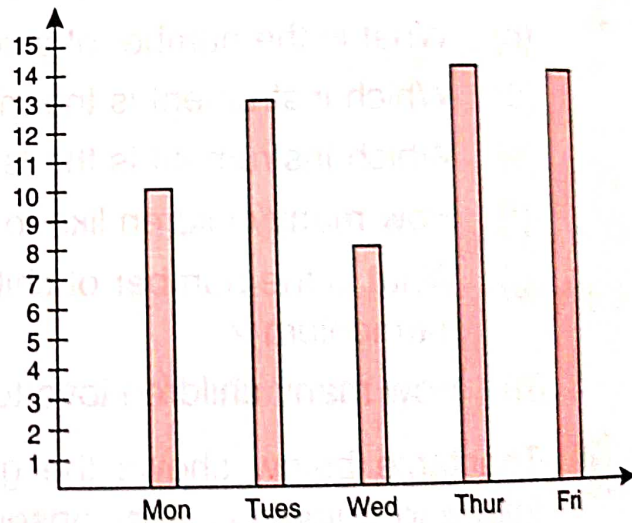
There are two types of bar graphs :

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.

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.

