

STD VI Maths

Data Handling (Bar Graph)

Assignment (i)

Instructions to the students : The notes provided must be copied to the graph copy & then do the Home Work in the same copy.

Steps of construction of a bar graph for a given data

Step 1. On a graph paper, draw a horizontal line OX called the x. axis & a vertical line OY called the y. axis.

Step 2. Mark points at equal intervals along the x. axis. Below these points write the names of the data items whose values are to be plotted.

Step 3. Choose a suitable scale on that scale determine the heights of the bars for the given numerical values.

Step 4. Mark off these heights parallel to the y. axis from the points taken in step 2.

Step 5. On the x axis, draw bars of equal width for the height in step 4

These bars represent the given numerical data.

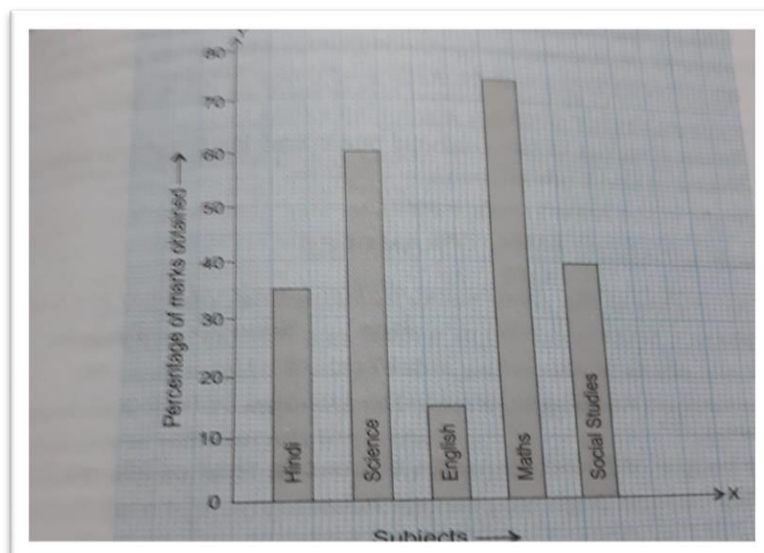
Examples

Example 1. The percentage of marks obtained by a student in different subjects are given below.

Subject	Hindi	Science	English	Maths	S. Studies
percentage of marks obtained	35	60	15	75	40

Draw a bar graph representing the above data.

Solution: Clearly we take the subjects along x axis & the % of marks obtained along y. axis & draw the bar graph as shown below.



Home Work

Ex. (15.3) Question No. 1, 2, 4 & 5

