

## Bar Graph

A bar graph or a bar chart is a way of representing the data through bars of different heights.

**Let us understand with an example:**

**Example:** The following table gives the data about the number of hours spent on various activities by Surbhi in a day:

Activities	Number of hours
College	5
TV	2
Gadgets and websites	3
Sleeping	6
Others	8

**Solution:** Draw a bar graph to represent the data

**Step 1:** Construct two perpendicular lines – horizontal and vertical on a graph paper. Name the horizontal as X-axis and vertical as Y-axis.

**Step 2:** Take 'Activities' along X-axis and its number of hour frequency along Y-axis.

**Step 3:** Choose a uniform width and gap the bars along x-axis.

**Step 4:** Choose a suitable scale to determine the height of the bar. Here, take 1cm as 1 hour.

**Step 5:** The bar graph showing the number of hours spent on an activity is as Follows:

