

Canara High School, CBSE

Worksheet 1

Data Handling

Sub:Mathematics

1. The marks of a student in different subjects are given below:

Subject	Hindi	English	Maths	Science	S.St.
Marks	45	69	85	89	70

Draw a bar graph from the above information.

2. The following table shows the favourite sports of 250 students of a school.

Sports	Cricket	Football	Tennis	Badminton	Swimming
No. of Students	90	20	60	15	65

Represent the data by a bar graph.

3. Given below is a table which shows the year wise strength of a school.

Year	2001–2002	2002–2003	2003–2004	2004–2005	2005–2006
No. of Students	900	950	1200	1400	1550

Represent this data by a bar graph.

4. The following table shows the number of motorcycles produced by a company during six consecutive years.

Year	2000	2001	2002	2003	2004	2005
No. of Motorcycles	12,000	13,000	13,500	14,000	15,000	16,000

Draw a bar graph to represent this data.

5. The birth rate in five countries over a period of time is shown below:

Country	China	India	UK	Nepal	Singapore
Birth rate per thousand	52	39	28	21	14

Represent the data by a bar graph.

6. The population of six Indian states estimated in 2001 is as given below:

State	Bihar	Jharkhand	Chhattisgarh	Madhya Pradesh	Uttar Pradesh	Uttaranchal
Population (in lakhs)	820	270	210	600	1650	85

Represent the above data by a bar graph.

7. The following data shows India's total population from 1951 to 2001.

Year	1951	1961	1971	1981	1991	2001
Population (in millions)	360	432	540	684	852	1020

Represent the data by a bar graph.

City	Kolkata	Mumbai	Chennai	Hyderabad
Distances from Delhi (in km)	1340	1100	1700	1220

Draw a bar graph to represent the above data.

9. The following table shows the life expectancy average age to which people live in various countries in a particular year.

Country	India	Britain	Japan	Ethiopia	Cambodia
Life Expectancy	57	70	76	433	36

Represent the data by a bar graph.

10. The data given below shows the average rainfall in Cheerapunji, from June to November of a certain year.

Month	June	July	Aug.	Sept.	Oct.	Nov.
Average Rainfall	25	30	40	20	10	5

Draw a bar graph to represent this information.

11. Gold Prices on five consecutive Mondays are as follows:

Monday	First	Second	Third	Fourth	Fifth
Rate per 10g (in Rs.)	4850	5100	5250	5500	6200

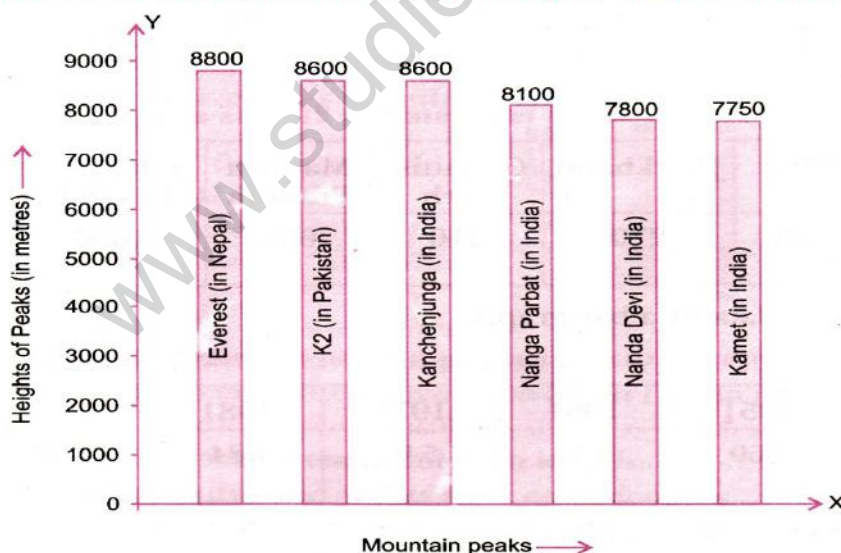
Draw a bar graph to represent this information.

12. The following table shows the average depth of some oceans and seas.

Ocean and Sea	Pacific ocean	Indian ocean	Atlantic ocean	Japan sea	Arctic ocean
Average depth (in m)	4000	3950	3900	1350	1200

Draw a bar graph to represent them.

13. Given below is a bar graph showing the heights of six mountain peaks.



Read the bar graph carefully and answer the following questions:

- What is the scale of this graph?
- Which is the highest peak and what is its height?
- What is the ratio of the highest peak and next highest peak?
- Arrange the heights of the given peaks in descending order.