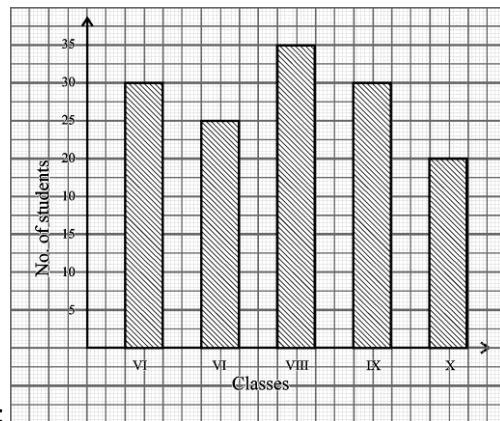


**National Institute of Open Schooling (NIOS)
Secondary Course
Lesson –24: Data and their Representations
Worksheet – 24**

1. Differentiate between Primary data and Secondary data. List out any three primary and secondary data.
2. Write a grouped frequency distribution of the data using the class interval 0-19, 20-39 etc, and find out sum of frequencies of the data.
3. The bar graph represents the number of students present in different classes on a particular day.



The number of students present in classes IX and X are :

4. The data below shows the number of students present in different classes on a particular date as:

Class	I	II	III	IV	V
No. of students	35	40	30	50	25

5. Represent the above data by a bar graph.

5. The following is the frequency distribution of marks obtained by 40 students in the Mathematics test :

Marks obtained	30-40	50-60	60-70	70-80	80-90	90-100

No. of students	10	8	12	2	6	2
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6.

Draw a histogram from the above data.

6. The cumulative frequency distribution of 50 students of class-IX marked showing in the table as:

Marks	Number of Students
Below 30	15
Below 40	24
Below 60	29
Below 80	34
Below 100	50

7.

From the above data form a frequency table

7. Day wise manufacture of steel pieces from a company as:

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Steel manufacture	15000	12000	18000	22000	16500	14000

8.

Draw a bar graph to represent the above data.

8. In a week, take daily temperature in your locality and represent the same data through bar graph.

9. Write steps to prepare a Histogram with an example.

10. Marks (out of 80) obtained by 40 students in class-X science test examination as:

Marks obtained	20-30	30-40	40-50	50-60	60-70	70-80
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No. of students	5	10	8	7	6	4
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11.

Draw a histogram from the above data.