Atomic Energy Education Society – Distance Learning Programme

Class – **VI**  Subject – **Mathematics**

Chapter – **9**: **DATA HANDLING**

**Handout – Module 2/3**

***Other methods of organising the data***

Let us observe and understand picture representation of data in order to answer the question on data at a glance

We can answer many questions by just studying the diagram.

Pictures visually help us to understand the data.

This picture representation is a pictograph.

***Pictograph***

A pictograph represents data through pictures of objects. It helps answer the questions on the data at a glance.

Pictographs are often used by dailies and magazines to attract readers attention

It requires some practice to understand the information given by a pictograph.

***Interpretation of pictograph***

* A pictograph represents data in the form of pictures, objects or parts of objects.
* We can also interpret a pictograph and answer the related questions.
* Different types of information can be obtained from a pictograph

***Drawing a pictograph***

Pictographs can be drawn using symbols to represent a certain number of items or things

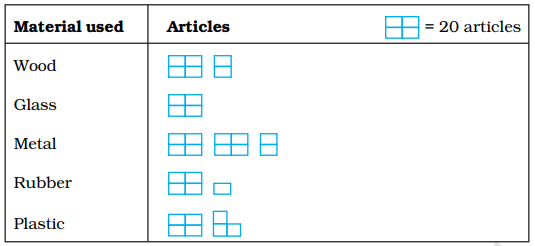
Sometimes, a symbol may represent multiple units and may be difficult to draw.

Instead of it we can use simpler symbols

Now let us draw and interpret a pictograph-

Students of Class VI in a school were given a task to count the number of articles made of different materials in the school. The information collected by them is represented as follows:

|  |  |
| --- | --- |
| Material used | No. of articles |
| Wood | 30 |
| Glass | 20 |
| Metal | 50 |
| Rubber | 25 |
| Plastic | 35 |



1. Which material is used in maximum number of articles?

* Metal

1. Which material is used in minimum number of articles?

* Glass

1. What is the total number of articles counted by the students?

* 160

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