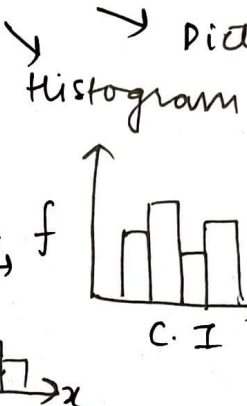
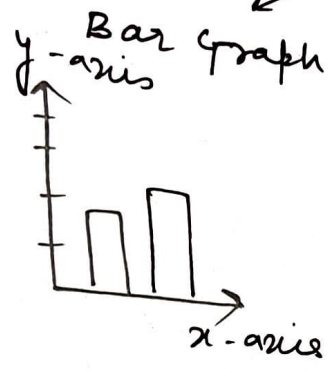
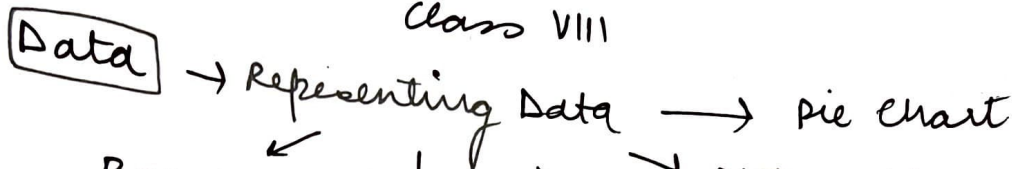


information

Data Handling Revision Notes Class VIII



| | |
|--|-----|
| | 1 |
| | 1.5 |

PIE CHART

| Item | f | fraction f/total | fraction of 360° |
|------|---|------------------|------------------|
| ∴ | ∴ | ∴ | ∴ |

| | | |
|--------------|----------|-------------|
| <u>Total</u> | <u>1</u> | <u>360°</u> |
|--------------|----------|-------------|

In graph

- Always make bars of uniform width
- Always mention what is represented on x-axis and y-axis.
- Always write SCALE
 x-axis = 1cm = - units
 y-axis = 1cm = - units

Fraction of 360° → central angle

Frequency Distribution Table

| Item | Tally Marks | Frequency |
|------|-------------|-----------|
| Blue | | 8 |

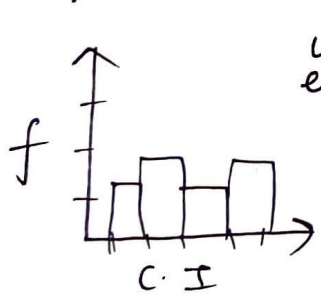
Probability

$$P = \frac{\text{possible outcomes}}{\text{total outcomes}}$$

For Histogram

| C. I | Tally marks | Frequency |
|---------|-------------|-----------|
| 800-810 | | 8 |
| 810-820 | | 3 |
| 820-830 | | 2 |

- card deck
 - dice
 - two coins
 - two die
- } sample spaces



lower limit ← 810-820
 upper limit → 820-830

$$\text{width} = \text{upper limit} - \text{lower limit}$$

* If we have to include 820, we will include it in 820-830

upper limit is not counted