

Maths-5

Chapter 15: Volume and Data Handling – Worksheet

MCQs (5)

1. The unit of volume is:

- a) cm b) cm^2 c) cm^3

2. Volume measures the _____ occupied by an object:

- a) Area b) Space c) Length

3. The formula for the volume of a cube is:

- a) $l \times b \times h$ b) side^3 c) $2(l + b)$

4. Data handling means:

- a) Collecting and organising information b) Drawing shapes
c) Measuring height

5. A pictograph uses _____ to represent data:

- a) Pictures b) Lines c) Bars

Fill in the Blanks (5)

1. Volume of a cuboid = length \times breadth \times _____.

2. _____ is used to compare data.

3. The unit used for large volumes is _____.

4. A bar graph uses _____ to show data.

5. Volume tells us how much _____ an object can hold.

True or False (5)

1. A cube has all edges equal. ()
2. Data handling includes sorting and organising information. ()
3. A pictograph cannot represent data. ()
4. Volume is measured in cubic units. ()
5. A taller bar in a bar graph means a smaller value. ()

Activities (5)

1. Measure the length, breadth, and height of 5 boxes and calculate their volume.
2. Draw a bar graph showing the number of books read by 5 students.
3. Create a pictograph showing your family's favourite fruits.
4. Arrange any 10 pieces of data (ages, marks, etc.) and create a table.
5. Using cubes (or small boxes), build a 3-D model and calculate its total volume.