

◦ MONTH : DECEMBER

SESSION : 23

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 16

CHAPTER NAME : MEASUREMENT

SUB-TOPIC : MEASUREMENT OF CAPACITY AND CONVERSION.

EXERCISE- 16 A

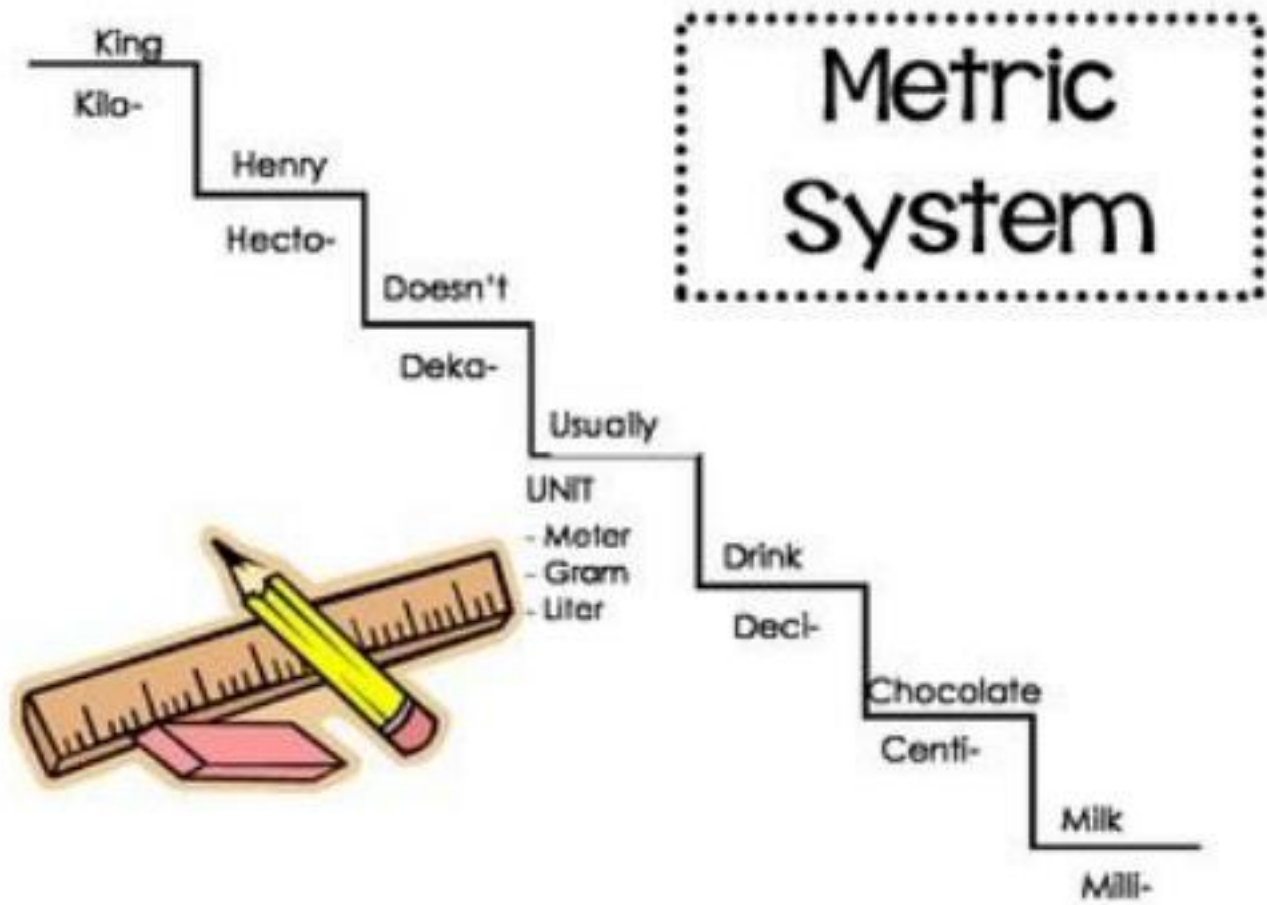
CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Enable learners :

- **To identify the units for measuring capacity.**
- **To get a clear idea about conversion of units of measurement.**

RE-CAP



Conversion of capacity

We use different units to measure different capacities.

Ex: We use millilitre and litre to measure less capacity and kilo litre to measure more quantities.

The standard unit of measuring capacity is **LITRE**.

Measuring Capacity



Millilitres
We can use a measuring cylinder to measure very small capacities.



We measure these in millilitres.
We write this as ml.

1000ml = 1l

Capacity
how much a container can hold.



EXERCISE 16 A

9. Express in L, dL, cL and mL

a. $6.452 \text{ L} = 6 \text{ L } 4\text{dL } 5\text{cL } 2\text{mL}$

b. $8.616 \text{ L} = 8 \text{ L } 6\text{dL } 1\text{cL } 6\text{mL}$

c. $0.5 \text{ L} = 5\text{dL}$

d. $0.25 \text{ L} = 2\text{dL } 5\text{cL}$

10. Using decimal express in litres

a. $6\text{L } 6\text{dL } 7\text{cL } 2\text{mL} = 6.672 \text{ L}$

b. $20 \text{ L } 8 \text{ dL} = 20.8 \text{ L}$

c. $5\text{L } 1\text{dL } 5\text{cL } 9\text{mL} = 5.159 \text{ L}$

d. $2\text{cL } 5\text{mL} = 0.025 \text{ L}$

Capacity
how much a container can hold.



cup



pint



quart



gallon

EXERCISE 16 A

11. Express in kL, hL, daL and L

- a. 9.129 kL = **9kL 1hL 2daL 9L**
- b. 0.775 kL = **7hL 7daL 5L**
- c. 0.05 kL = **5daL**
- d. 1.1 kL = **1kL 1hL**

12. Using decimal express in kL

- a. 3kL 5hL 3daL 2L = **3.532 kL**
- b. 6kL 7L = **6.007kL**
- c. 8kL 5daL = **8.05 kL**
- d. 15kL 3hL 7daL 5L = **15.375 kL**

Capacity
how much a container can hold.



cup



pint



quart



gallon



Complete Exercise 16 A the 1st four of q.no. 9 to 12

The logo for 'Learning Outcomes' features the words 'Learning' and 'Outcomes' in a large, bold, black font with a yellow outline. To the left of the text is a blue graduation cap with a tassel. Above the letter 'i' in 'Learning' is a red apple with a green leaf.

Learning Outcomes

Students are able:

- To identify the units for measuring capacity.
- To get a clear idea about conversion of units of measurement.

THANKING YOU
ODM EDUCATIONAL GROUP