

**Class: 2**

**Subject: Mathematics**

**Prepared by Shameema Akhtar**

**Date: 1/10/2020**



## **Chapter: Measurement**

### **Lecture -3**

### **Volume measures**

Volume measures capacity. For example, the volume of a bowl is the amount of space inside the bowl or how much water, for example it would take to fill the bowl.

The most common units of volume are millilitres (ml) and liters (L).

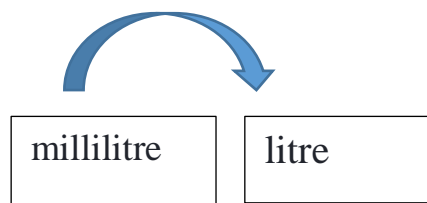
A single raindrop contains about 1 millilitre of liquid:



This bottle contains about 1 litre of liquid:



**Relations:**



$$1000\text{ml} = 1 \text{ L}$$

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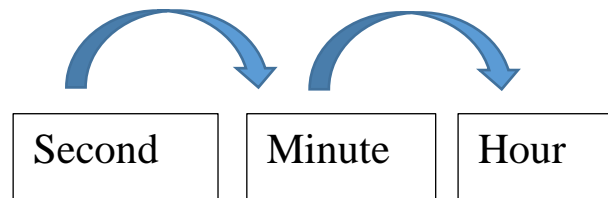
### **Time measures**

Time is used to quantify, measure or compare the duration of events or the intervals between them, and even, sequence events.

We measure time in seconds, minutes, hours, days, weeks, months and years with clocks and calendars.

The hour hand, the shorter of the two hands, completes 1 rotation in 12 hours in a normal 12-hour **analogue**. The minute hand, the longer hand, completes 1 rotation 60 **minutes**. The second hand, the longer hand, completes 1 rotation 60 **seconds**

**Relations:**

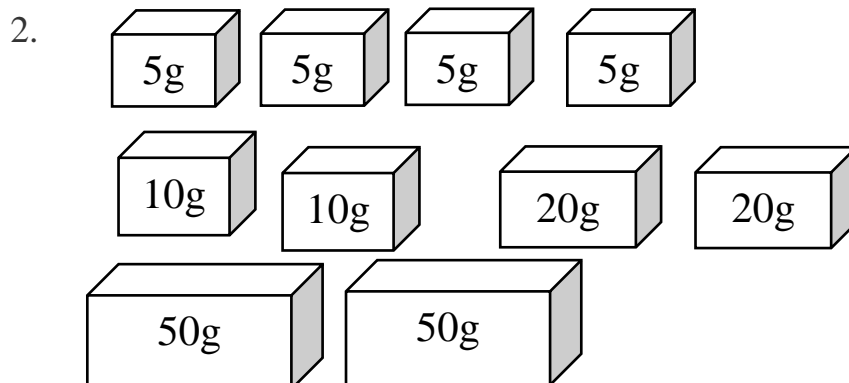


$$60 \text{ seconds} = 1 \text{ minute}$$

$$60 \text{ minute} = 1 \text{ hour}$$

### **Assess your learning**

1. In bazar or in your home ,find the items around you on which its Volume is printed ,such as water bottle ,oil bottle etc.



a. Use the weights above and find the ways to weight 80 gm as many as possible.

b. Use the weights above and find the ways to weight 120 gm. as many as possible.

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3 Write down only answers:

- a. Write down three time measuring unites name.
- b. How many seconds make 1 minute?
- c. How many seconds make 1 hour?
- d. write down one volume measuring unites name.

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