

**CHAPTER 11 – MEASUREMENT**

**Week 16 (day 4)**

**Note:** This PDF is not to be printed.

Refer to page no 170 of your Mathematics book.

**OBJECTIVE:** By the end of this topic, students will be able to:

- understand the measurement of capacity.

# Measurement of Capacity

**✚ What is capacity?**

**Capacity is a measure of how much a container can hold.**

## **Non – Standard units of Capacity.**

**There are many non standard units of capacity that we use in our daily life. For Example: a bucket, a glass, a spoon etc. All these are different from each other in capacity.**



**Capacity differs from container to container. A large container can hold more liquid as compared to the smaller one.**

**Let us understand the Non – standard units of capacity with the help of a story.**

 Sonali's mother gives her a task.

Sonali's mother asked her to fill the earthen pot and the jug with the water from the tap.



The space under the tap is so small that she is unable to put either of the two there. Looking around she finds a glass. So, she decides that she will fill the glass and pour it into the vessel again and again till the vessel is full. She also decides to count how many glasses did she pour into each vessel. After some time both the vessels were full. It took 25 glasses to fill the earthen pot and 8 glasses to fill the jug.

We can say: Earthen pot holds 25 glasses of water and the jug holds 8 glasses of water.

We know  $25 > 8$  so this means the earthen pot holds more water than the jug.

We can also say that the capacity of the earthen pot is more than the jug.

**Quick check:** Which has greater capacity?

