

Measurement of capacity (Customary units)

Measurement of Capacity

Capacity:

The Capacity is used for measuring the volume of a liquid.

The amount of liquid that any container can hold is called its **capacity**.

Two types of **capacity** measurement:

- ❖ Metric measurement
- ❖ Customary measurement

Customary measurement

Customary Measurement

Customary measurement refers to gallons, quarts, pints, cups, and fluid ounces.

Fluid Ounce:

A fluid ounce is a unit used to measure the volume of liquids. It is commonly abbreviated as **fl. oz.**

Example:

Syrup



Cup:

A cup is a unit of volume measurement equal to 16 tablespoons. It is usually used for drinking beverages like coffee or tea.

1 cup(c) = 8 fluid ounces (fl oz)



Pint:

A pint is equal to 2 cups. We express the capacity of juice jars in pints.

1 pint(pt) = 2 cups



Quart:

A quart (qt) is the same as 2 pints. The capacity of milk cartons is expressed in quarts.

$$1 \text{ quart (qt)} = 2 \text{ pints}$$







Gallon:

A gallon (gal) is the largest liquid measurement. It is the same as 4 quarts. The capacity of fuel tanks is expressed in gallons.

$$1 \text{ gallon (gal)} = 4 \text{ quarts}$$



Units of capacity	Symbol	Example	Example
Fluid ounce	fl oz	syrup or tonic	
Cup	c	coffee or tea	
Pint	pt	juice jar	
Quart	qt	milk carton or water jar	
Gallon	gal	petrol or gasoline	