

Key Vocabulary

- full
- half full
- empty
- holds
- container
- weigh
- balanced
- heavy
- heavier
- heaviest
- light
- lighter
- lightest
- scales
- capacity
- volume

Weight and mass



We can use different types of scales to measure mass.

Compare mass



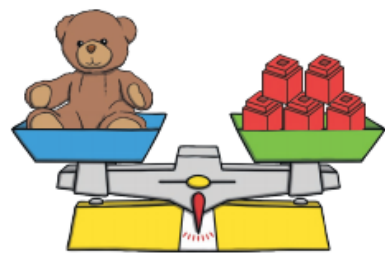
The cupcake weighs 2 cubes.
The grapes weigh 5 cubes.
The cupcake is **lighter than** the grapes.

Measure mass

The lemon **weighs the same as** 5 cubes.
They are **balanced**.



The teddy **weighs the same as** 5 cubes.
They are **balanced**.



Measure capacity

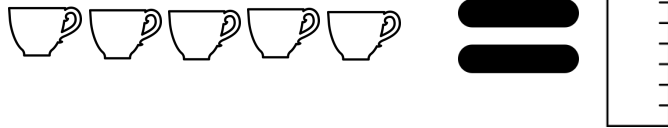


We can use different containers to measure volume.

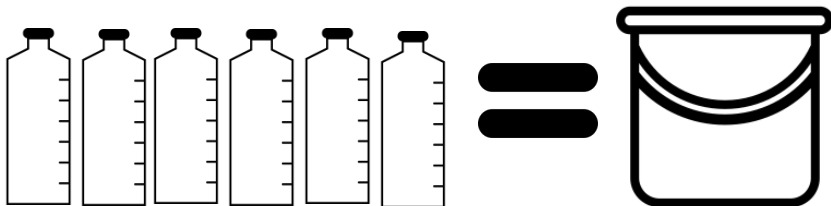
Capacity is the total amount of liquid a container can hold

Volume is the amount of liquid that is in the container.

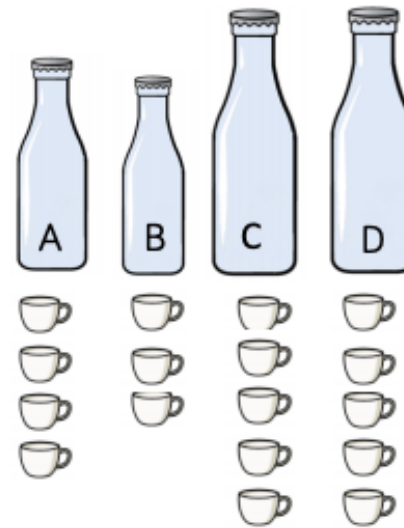
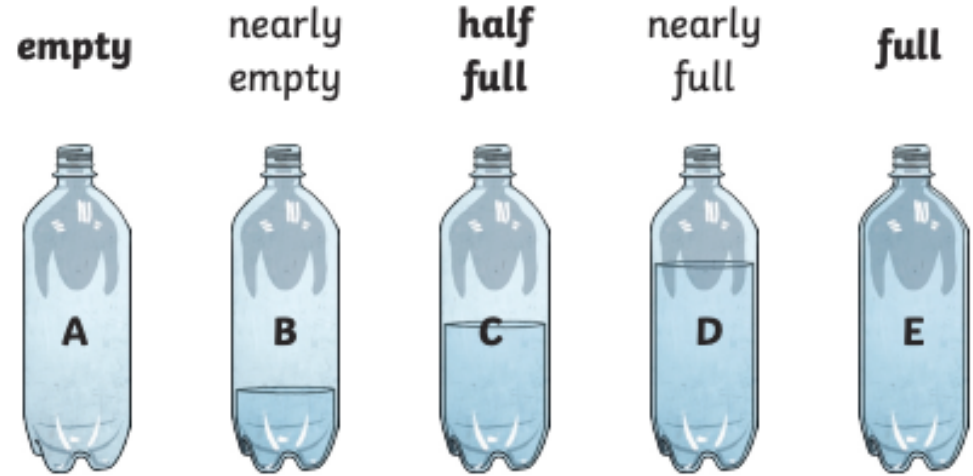
It takes 5 cups to fill one bottle.



So it will take 10 cups to fill two bottles



Compare capacity



Bottles C and D have the **largest capacity**.

Bottles C and D are **equal**.

Bottle B has the **smallest capacity**.

Bottle A has a **larger capacity** than bottle B.

Bottle B has a **smaller capacity** than bottle A.

$A > B$

$B < A$

$C = D$