MEASUREMENT OF CAPACITY

 The two main units for the measurement of capacity are **liter** and **milliliter**. In short **liter** is written as '**l**' and **milliliter** as '**ml**'.

1 litre = 1000 milliliters (1 l = 1000 ml)  
  
So,               500 ml = 1/2 of a litre  
  
                    250 ml = 1/4 of a litre  
  
                    200 ml = 1/5 of a litre  
  
                    100 ml = 1/10 of a litre

**1.**Express the following in '**ml**'  
  
(i) 19 l  
  
(ii) 21 l 75 ml  
  
(iii) 28 l 350 ml  
  
**Solution:   
  
1 l = 1000 ml**  
  
**(i)** 19 l  
  
= 19 x 1000

19000 ml  
  
=**(ii)** 21 l 75 ml  
  
= 21 x 1000 + 75  
  
= 21000 + 75  
  
= 21075 ml

**(iii)** 28 l 350 ml  
  
= (28 x 1000) ml + 350 ml  
  
= 28000 + 350

= 28350 ml

**2.**Convert the following into**litres** and**millilitres**.  
  
(i) 75000 ml  
  
(ii) 9485 ml  
  
(iii) 23456 ml  
  
**Solution:  
  
1000 ml = 1 l**  
  
**(i)** 75000 ml  
  
= 75000 ml ÷ 1000  
  
= 75 l

**(ii)** 9485 ml  
  
= 9485 ml ÷ 1000  
  
= 9 l 485 ml

**(iii)** 23456 ml  
  
= 23456 ml ÷ 1000

= 23 l 456 ml