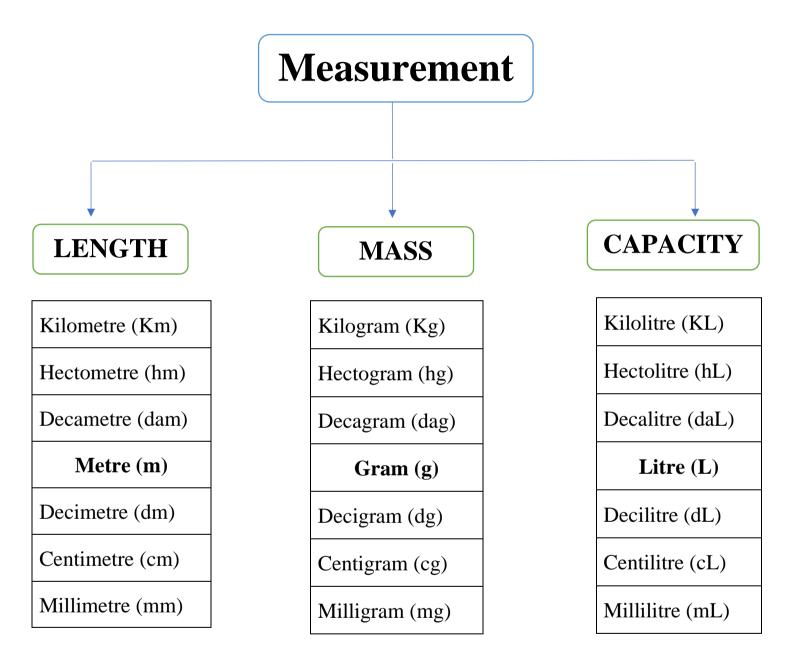
Ch-11 Measurement

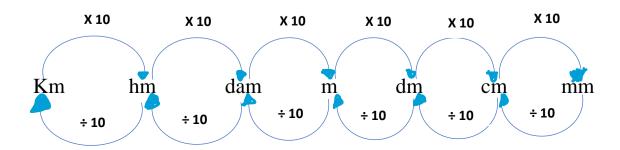
Points to remember

- 1) The set of standard units of measurement that we use is known as metric system.
- 2) There are 3 types of Measurement;



Length

- (a) The standard unit of length is **metre** (m).
- (b) To change from higher unit to lower unit, we multiply each step by 10.

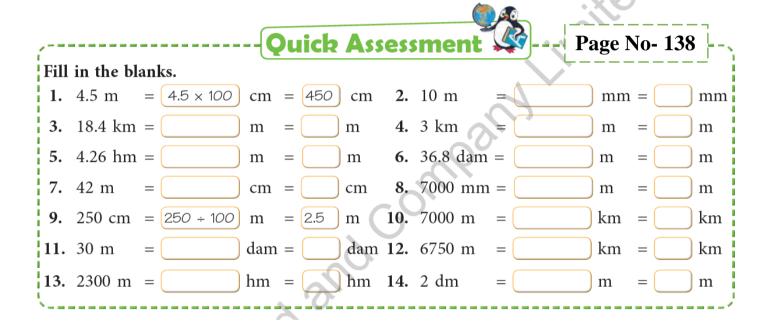


- (c) To change from lower to higher units, we divide each step by 10.
- (d) Kilometre, Hectometre and Decametre are higher units.
- (e) Decimetre, centimetre and millimetre are lower units.

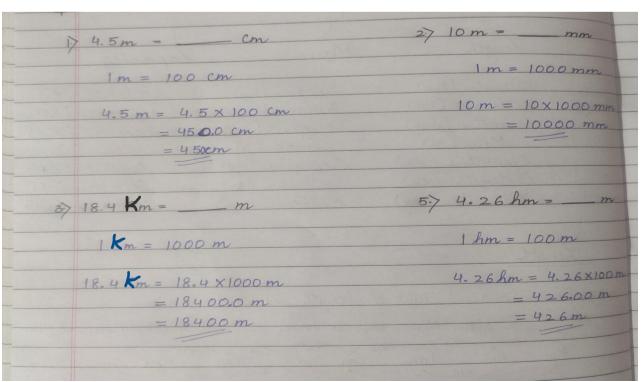
$$1 \text{ dm} = \frac{1}{10} \text{ m} = 0.1 \text{ m}$$

$$1 \text{ cm} = \frac{1}{100} \text{ m} = 0.01 \text{ m}$$

$$1 \text{ mm} = \frac{1}{1000} \text{ m} = 0.001 \text{ m}$$



Solution:



		Date Page
6.7	36.8 dan =m	8-> 7000 mm =
	1 dam = 10 m	1mm = 1 m
	$36.8 \text{ dam} = 36.8 \times 10 \text{ m}$ = 368.0 m	7000 mm = 7000 1000
	= 368 m	= $7m$
97	250 cm =m	107 7000 m = K
	1 cm = 1 m	1 m = 1 km
	250 cm = 250 m	7000 m = 7000 km
	= 2-50 m	= 7 Km
11)	30 m = dam	13) 2300 m = hn
	lm = 1 dam	1 m = 1 hm
	30 m = 30 dam	2300 m = 2300 hm
	= 3.0 dam	= 23.00 hm

In Quick assessment Q4, Q7, Q12 and Q14 are homework