Measurement of Length

Units of length		
Milli (m)	Millimetre (mm)	$\frac{1}{1000}$ of a metre
Centi (c)	Centimetre (cm)	$\frac{1}{100}$ of a metre
Deci (d)	Decimetre (dm)	$\frac{1}{10}$ of a metre
Basic unit		Metre (m)
Deca (da)	Decametre (dam)	10 metres
Hecto (h)	Hectometre (hm)	100 metres
Kilo (k)	kilometre (km)	1000 metres

Let us understand with some examples:

Example 1: Convert 87 km 50 cm to cm

Solution: 1 km = 1,00,000 cm

87 km = 87 × 1,00,000 = 67,00,000 cm

Now, on adding the centimetre, you get:

87 km 50 cm = 87,00,000 + 50 = **87,00,050 cm**

Example 2: Convert 25 cm into km

Solution: 1,00,000 cm = 1 km

25 cm = 25 ÷ 1,00,000

= 0.00025 km