

Measurement - Part - 1

Measurement is the process of finding out the size or the quantity of the things used.

A **unit** is a fixed quantity used as a standard measurement.

Non- standard units:

Palm

Fingers

Handspan

Cubit and

Foot.

The basic unit for measuring length is called Metre.

Metre is written as ' m '.

Centimetre is written as ' cm '.

Distance is measured in Kilometre.

Kilometre is written as ' km '.

$$1\text{m} = 100\text{cm} \quad \text{or} \quad 100\text{cm} = 1\text{m}$$

$$1\text{km} = 1000\text{m} \quad \text{or} \quad 1000\text{m} = 1\text{km}$$

Exercise 1: Convert metre to centimetre:

Example 1: $7\text{m} = \underline{\hspace{2cm}}\text{cm}$

$\Rightarrow 1\text{m} = 100\text{cm}$

$\Rightarrow 7 \times 100$

$\Rightarrow 700\text{ cm}$

Example 2: $5\text{m } 95\text{cm} = \underline{\hspace{2cm}}\text{cm}$

$\Rightarrow 1\text{m} = 100\text{cm}$

$\Rightarrow 5 \times 100 + 95$

$\Rightarrow 500 + 95$

$\Rightarrow 595\text{ cm}$

a. $8\text{m} = \underline{\hspace{2cm}}\text{cm}$

b. $2\text{m } 04\text{ cm} = \underline{\hspace{2cm}}\text{cm}$

Exercise 2: Convert into metre and centimetre:

Example 1: $700\text{ cm} = \underline{\hspace{1cm}}\text{m } \underline{\hspace{1cm}}\text{cm}$

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

$\Rightarrow 700 \div 100$

$\Rightarrow 7\text{ m}$

Example 2: 875 cm = _____m _____cm

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

$$\Rightarrow 875 \div 100$$

$$\Rightarrow 8.75$$

$$\Rightarrow 8\text{ m } 75\text{ cm}$$

a. 945 cm

b. 600 cm

_____ x _____ x _____ x