

1. 'cm' is short for 'centimetre'
2. 'mm' is short for 'millimetre'
3. 'kg' is short for 'kilogram'
4. 'g' is short for 'gram'

**Example – 1: How many cm is 1 mm?**

**Solution:** We Know, 1cm = 10mm

$$\begin{aligned}1 \text{ mm} &= \frac{1}{10} \text{ cm} \\ &= 0.1 \text{ cm}\end{aligned}$$

When dividing by 10, 100, 1000, ....., the decimal point moves to the left as many as the number of 0s.

**Example – 2: How can you write 4mm in cm?**

**Solution:** We Know, 1cm = 10mm

$$\begin{aligned}1 \text{ mm} &= \frac{1}{10} \text{ cm} \\ \therefore 4 \text{ mm} &= \frac{4}{10} \text{ cm} \\ &= 0.4 \text{ cm}\end{aligned}$$

### Example – 3: How can you write 7cm 4mm in cm?

**Solution:** We Know,  $1\text{cm} = 10\text{mm}$

$$1\text{ mm} = \frac{1}{10}\text{ cm}$$

$$\therefore 4\text{ mm} = \frac{4}{10}\text{ cm}$$

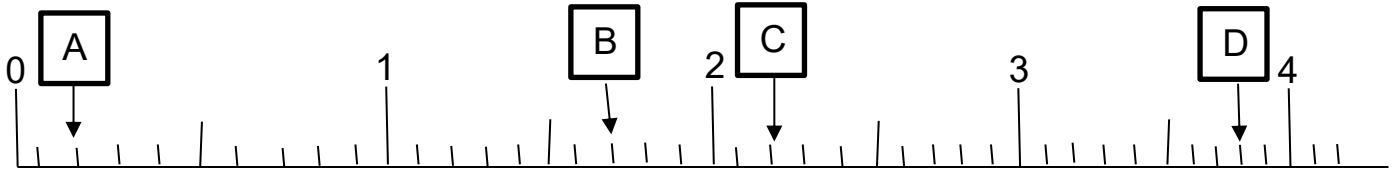
$$= 0.4\text{ cm}$$

$$\therefore 7\text{ cm } 4\text{ mm} = 7\text{cm} + 0.4\text{cm} = 7.4\text{ cm}$$

Rough
7.0
+0.4
<hr/>
7.4

### Exercise

1. What numbers are represented for A, B, C and D on the number line?



2. Put these numbers on the number line above: 0.9, 0.5, 2.6 and 3.2.

3. How can you write 100 g in kg?

4. How can you write 500 g in kg?

5. How can you write 1 kg and 500 g in kg?