



Measurement of Length

Learning Outcomes

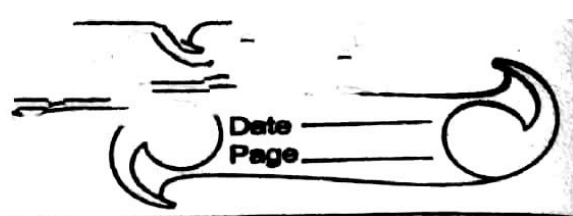
Use Cordova Smart Class Software on the smart board in class to make learning enjoyable. [Digital Learning – NEP Guidelines]

After completing this chapter, the students will be able to :

Identify centimetre , metre and kilometre as the standard units of measuring length.

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Exercise: - 2



① Convert into cm.

② 7m

Solve: - We know that

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

$$7\text{m} = 7 \times 100\text{cm}$$

$$= 700\text{cm} \text{ Ans}$$

③, ④, and ⑤ Solve like this

⑥ 6m 18cm

Solve: - We know that -

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

$$6\text{m } 18\text{cm} = 6\text{m} + 18\text{cm}$$

$$= 6 \times 100\text{cm} + 18\text{cm}$$

$$= 600\text{cm} + 18\text{cm}$$

$$= 618\text{cm} \text{ Ans}$$

$$\begin{array}{r} 600\text{cm} \\ + 18 \\ \hline 618\text{cm} \end{array}$$

f) 17m 28cm

Solve: \Rightarrow We know that

$$1m = 1 \times 100cm$$

$$17m\ 28cm = 17m + 28cm$$

$$= 17 \times 100cm + 28cm$$

$$= 1700cm + 28cm$$

$$= 1728cm$$

Ans

2) Convert in m:-

a) 3km

Solve: \Rightarrow We know that

$$1km = 1000m$$

$$3km = 3 \times 1000m$$

$$= 3000m$$

Ans

b), c), d) solve like this.

⊙ 4 Km 15 m

Solve:- we know that

$$1 \text{ Km} = 1000 \text{ m}$$

$$4 \text{ Km } 15 \text{ m} = 4 \text{ Km} + 15 \text{ m}$$

$$= 4 \times 1000 \text{ m} + 15 \text{ m}$$

$$= 4000 \text{ m} + 15 \text{ m}$$

$$= 4015 \text{ m Ans}$$

4000 m
+ 15
<u>4015 m</u>

⊙ 6 Km 218 m

Solve:- We know that

$$1 \text{ Km} = 1000 \text{ m}$$

$$6 \text{ Km } 218 \text{ m} = 6 \text{ Km} + 218 \text{ m}$$

$$= 6 \times 1000 \text{ m} + 218 \text{ m}$$

$$= 6000 \text{ m} + 218 \text{ m}$$

$$= 6218 \text{ m}$$

6000 m
+ 218
<u>6218 m</u>

3. Convert into m :

(a) 438 cm = ... 4 ... m ... 38 ... cm

(b) 736 cm = ... 7 ... m ... 36 ... cm

(c) 893 cm = ... 8 ... m ... 93 ... cm

(d) 3856 cm = ... 38 ... m ... 56 ... cm

(e) 6128 cm = ... 61 ... m ... 28 ... cm

(f) 1829 cm = ... 18 ... m ... 29 ... cm

4. Convert into km :

(a) 1230 m = ... 1 ... km ... 230 ... m

(b) 2815 m = ... 2 ... km ... 815 ... m

(c) 7603 m = ... 7 ... km ... 603 ... m

(d) 6300 m = ... 6 ... km ... 00 ... m

(e) 8345 m = ... 8 ... km ... 345 ... m

(f) 9987 m = ... 9 ... km ... 987 ... m