

Conversion of Lengths

Let's learn the conversion of lengths.

⇒ **Look at the examples.**

Conversion of Kilometers into Meters

To convert 'kilometers' into 'meters', we multiply the number of kilometers by 1,000.

Example: $7 \text{ km} = 7 \times 1,000 = 7,000 \text{ m}$

$$9 \text{ km} = 9 \times 1,000 = 9,000 \text{ m} \quad (1 \text{ km} = 1,000 \text{ m})$$

⇒ **Kilometers and Meters into Meters**

To convert 'kilometers' and 'meters' into 'meters', we first multiply the number of kilometers by 1,000 and then add it to the number of meters.

Example: $5 \text{ km } 25 \text{ m} = (5 \times 1000) + 25 = 5,000 + 25 = 5,025 \text{ m}$

$$\text{So, } 5 \text{ km } 25 \text{ m} = 5,025 \text{ m.}$$

⇒ **Meters into Centimeters**

To convert 'meters' into 'centimeters' we multiply the number of meters by 100.

Example: $34 \text{ m} = 34 \times 100 = 3,400 \text{ cm}$ $\{1 \text{ m} = 100 \text{ cm}\}$

$$9 \text{ m} = 9 \times 100 = 900 \text{ cm}$$

Conversion of Lengths

⇒ Meters and Centimeters into Centimeters

To convert 'meters' and 'centimeters' into 'centimeters', we first multiply the number of meters by 100 and then add it to the number of centimeters.

Example: Convert 5 m 12 cm into centimeters

$$5 \text{ m } 12 \text{ cm} = (5 \times 100) + 12 = 500 + 12 = 512 \text{ cm}$$

So, 5 m 12 cm = 512 cm.