

Class: 3

Subject: Mathematics

Prepared by Shameema Akhtar

Date: 28/09/2020



Chapter: Measurement

Solution of Lecture -1

1. Do your self
2. (96 page NCTB book)
1m 32 centimetre
 $=100 \text{ centimetre} + 32 \text{ centimetre}$
 $=132 \text{ centimetre}$
Extra :
1m 45 centimetre
 $=100 \text{ centimetre} + 45 \text{ centimetre}$
 $=145 \text{ centimetre}$
3. We know,
 $1 \text{ centimetre} = 10 \text{ milimetre}$
 $\therefore 21 \text{ centimetre} = 21 \times 10 \text{ milimetre}$
 $= 210 \text{ milimetre}$
Extra :
we know,
 $1 \text{ centimetre} = 10 \text{ milimetre}$
 $\therefore 10 \text{ centimeter} = 10 \times 10 \text{ milimetre}$
 $= 100 \text{ milimetre}$
 $10 \text{ cm and } 5 \text{ mm}$
 $= 10 \text{ cm} + 5 \text{ mm}$
 $= 100 \text{ mm} + 5 \text{ mm}$
 $= 105 \text{ mm}$
4. We know,
 $1 \text{ Km} = 1000 \text{ m}$
 $\therefore 4 \text{ km} = 4 \times 1000 \text{ m}$
 $= 4000 \text{ m}$

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Extra :

We know,

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

$$\begin{aligned} \therefore 9 \text{ km} &= 9 \times 1000 \text{ m} \\ &= 9000 \text{ m} \end{aligned}$$

5. (104 page NCTB book)

1. 15 metre

we know,

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

$$\begin{aligned} \therefore 15 \text{ m} &= 100 \times 15 \text{ cm} \\ &= 1500 \text{ cm} \end{aligned}$$

2. 30 metre

we know,

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

$$\begin{aligned} \therefore 30 \text{ m} &= 100 \times 30 \text{ cm} \\ &= 3000 \text{ cm} \end{aligned}$$

3. 20 metre 25 centimetre

we know,

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

$$\begin{aligned} \therefore 20 \text{ m} &= 100 \times 20 \text{ cm} \\ &= 2000 \text{ cm} \end{aligned}$$

20 metre 25 centimetre

$$= 2000 \text{ cm} + 25 \text{ cm} = 2025 \text{ cm}$$

4. 45 metre 60 centimetre

we know,

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

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$$\begin{aligned} & \therefore .45\text{m} = 100 \times 45 \text{ cm} \\ & \qquad \qquad = 4500 \text{ cm} \\ & 45 \text{ metre } 60 \text{ centimetre} \\ & = 4500 \text{ cm} + 60 \text{ cm} = 4560\text{cm} \end{aligned}$$

Extra:

5. 15 metre 63 centimetre

$$\begin{aligned} & 1 \text{ m} = 100\text{cm} \\ & \therefore .15\text{m} = 100 \times 15 \text{ cm} \\ & \qquad \qquad = 1500 \text{ cm} \\ & 15 \text{ metre } 63 \text{ centimetre} \\ & = 1500 \text{ cm} + 63 \text{ cm} = 1563\text{cm} \end{aligned}$$

6. 43 metre 20 centimetre

$$\begin{aligned} & 1 \text{ m} = 100\text{cm} \\ & \therefore .43\text{m} = 100 \times 43 \text{ cm} \\ & \qquad \qquad = 4300 \text{ cm} \\ & 43 \text{ metre } 20 \text{ centimetre} \\ & = 4300 \text{ cm} + 20 \text{ cm} = 4320\text{cm} \end{aligned}$$