

## Chapter - 13

Q1

(i)  $12 \text{ km} = \underline{12000} \text{ meter.}$

Sol

$$1 \text{ km} = 1000 \text{ m.}$$

$$12 \text{ km} = 12 \times 1000 = 12000 \text{ meter.}$$

(ii)  $10 \frac{1}{2} \text{ km} = \underline{10500} \text{ meter}$

Sol

$$10 \times 1000 + \frac{1}{2} \times \overset{500}{1000} = 10,000 + 500 = 10500 \text{ meter}$$

(iii)  $25 \frac{1}{4} \text{ meter} = \underline{2525} \text{ cm.}$

Sol

$$1 \text{ m} = 100 \text{ cm.}$$
$$25 \times 100 + \frac{1}{4} \times \overset{25}{100} = 2500 + 25 = 2525 \text{ cm.}$$



(iv)  $15 \frac{3}{4}$  meter = 1575 cm.

Sol  $1 \text{ m} = 1000 \text{ cm}$   
 $15 \times 100 + \frac{3}{4} \times 100 = 1500 + 75 = 1575 \text{ cm}$

(v)  $150 \text{ cm} = 1 \frac{1}{2}$  meter

Sol  $1 \text{ cm} = \frac{1}{100} \text{ meter}$

$150 \text{ cm} = \frac{150}{100} = \frac{3}{2} = 1 \frac{1}{2} \text{ m}$

$$\begin{array}{r} 1 \\ 2 \overline{) 3} \\ \underline{-2} \\ 1 \end{array}$$

(vi)  $1 \frac{4}{5} \text{ cm} = 18$  millimeter.

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

$1 \times 10 + \frac{4}{5} \times 10 = 10 + 8 = 18 \text{ mm}$

(vii)  $4 \frac{1}{5} \text{ cm} = 42$  mm.

Sol

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

$4 \times 10 + \frac{1}{5} \times 10 = 40 + 2 = 42 \text{ mm}$



Q2:

(ii)  $120 \text{ cm} = \underline{1\frac{1}{5}} \text{ meter}$

Sol

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

$$\frac{120}{100} = \frac{6}{5} = 1\frac{1}{5} \text{ m.}$$

$$\begin{array}{r} 1 \\ 5 \overline{) 6} \\ \underline{-5} \\ 1 \end{array}$$

(iii)  $2250 \text{ meter} = \underline{2\frac{1}{4}} \text{ km.}$

Sol

$$1 \text{ meter} = \frac{1}{1000} \text{ km}$$

$$= \frac{2250}{1000} = \frac{9}{4} = 2\frac{1}{4} \text{ km}$$

$$\begin{array}{r} 2 \\ 4 \overline{) 9} \\ \underline{-8} \\ 1 \end{array}$$

(iii)  $50 \text{ mm} = \underline{5} \text{ cm.}$

Sol

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

$$\frac{50}{10} = 5$$

(iv)  $9500 \text{ m} = \underline{9\frac{1}{2}} \text{ km.}$

Sol

$$1 \text{ m} = \frac{1}{1000} \text{ km}$$

$$\frac{9500}{1000} = \frac{19}{2} = 9\frac{1}{2} \text{ km}$$

$$\begin{array}{r} 9 \\ 2 \overline{) 19} \\ \underline{-18} \\ 1 \end{array}$$



(v)  $150 \text{ cm} = 1\frac{1}{2} \text{ meter}$

Sol  $1 \text{ cm} = \frac{1}{100} \text{ m.}$   
 $\frac{150}{100} = 1\frac{1}{2} \text{ m.}$

$$\begin{array}{r} 2 \overline{) 3} \\ - 2 \\ \hline 1 \end{array}$$

(vi)  $175 \text{ mm} = 17\frac{1}{2} \text{ cm}$

Sol  $1 \text{ mm} = \frac{1}{10} \text{ cm}$   
 $\frac{175}{10} = 17\frac{1}{2} \text{ cm}$

$$\begin{array}{r} 2 \overline{) 35} \\ - 2 \\ \hline 15 \\ - 14 \\ \hline 1 \end{array}$$

Q3. Kavi The distance \_\_\_\_\_ home?

	Km	m
Distance travelled to go school. $\Rightarrow$	7	300
Distance travelled to back to home $\Rightarrow$	7	300
total distance	<u>14</u>	<u>600</u>

Q4. Manju's \_\_\_\_\_ travel?

Sol

	Km	m
Distance of city from village	⑤ 45	⑩ 800
Distance she cover by bus	- 32	600
remaining distance	<u>13</u>	<u>400</u>



Q5. Kavita travels 32 Km 400 meter \_\_\_\_\_ Kavita?

	Km	m
travels on first day	32	400
travels on second day	+	35
total distance	<u>68</u>	<u>700</u>

Q6. Raman's School \_\_\_\_\_ Raman?

	Km	m
Distance travelled to go school =)	4	600
Distance travelled to back to home =)	+	4
total distance bet. school and home	<u>9</u>	<u>200</u>

	km	m
Distance travelled to go coaching =	3	200
Distance travelled to back to home =	+	3
total distance bet coaching and home	<u>6</u>	<u>400</u>

total distance bet. school to home =	9	200
total distance bet. coaching and home =	+	6

total distance travelled by Raman	<u>15</u>	<u>600</u>
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