

C SOLVE THESE WORD PROBLEMS.

① Length of red ribbon = 18 m 60 cm
Length of blue ribbon = 24 m 30 cm,
Total length of the ribbons $\overline{42\text{ m } 90\text{ cm}}$
 $= 18\text{ m } 60\text{ cm} + 24\text{ m } 30\text{ cm}$
 $= 42\text{ m } 90\text{ cm}.$

Ans → The total length of the ribbons is 42 m 90 cm.

② Length of one pipe = 5 m 75 cm,
Length of another pipe = 4 m 25 cm
Total length of the two pipes $\overline{10\text{ m } 00\text{ cm}}$
 $= 5\text{ m } 75\text{ cm} + 4\text{ m } 25\text{ cm}$
 $= 10\text{ m}$

Ans → The total length of the two pipes is 10 m.

③ The height of sun Apartment = 30 m 75 cm
The height of star Apartment = 17 m 18 cm
The difference between the heights of the two buildings $\overline{13\text{ m } 57\text{ cm}}$

$= 30\text{ m } 75\text{ cm} - 17\text{ m } 18\text{ cm},$
 $= \underline{13\text{ m } 57\text{ cm}}.$

Ans → The difference between the heights of the two buildings is 13 m 57 cm.

④ Distance walked by Sneha = 5 km 500 m,
Distance walked by Megha = 4 km 200 m
They walked in all = $\overline{9\text{ km } 700\text{ m}}$
 $5\text{ km } 500\text{ m} + 4\text{ km } 200\text{ m}.$
 $= 9\text{ km } 700\text{ m},$

More distance walked by

Sneha = 5 km 500 m - 4 km 200 m

$= 1\text{ km } 300\text{ m},$

Ans → They walked 9 km 700 m in all, Sneha walked 1 km 300 m more than Megha.

5 km 500 m
4 km 200 m
<hr/>
1 km 300 m

Extra Questions

① Convert to cm.

a) 14m 9cm = _____ cm
 $14\text{m } 9\text{cm} = (14 \times 100)\text{cm} + 9\text{cm}$
 $= 1400\text{cm} + 9\text{cm}$
 $= 1409\text{cm}$

Ans \rightarrow 1409cm

b) 31m 70cm = _____ cm
 $31\text{m } 70\text{cm} = (31 \times 100)\text{cm} + 70\text{cm}$
 $= 3100\text{cm} + 70\text{cm}$
 $= 3170\text{cm}$

Ans \rightarrow 3170cm

② Convert to 'm.

a) 8km 093m = _____ m
 $8\text{km } 093\text{m} = (8 \times 1000)\text{m} + 093\text{m}$
 $= 8000\text{m} + 093\text{m}$
 $= 8093\text{m}$

Ans \rightarrow 8093m

b) 43km 19m = _____ m
 $43\text{km } 19\text{m} = (43 \times 1000)\text{m} + 19\text{m}$
 $= 43000\text{m} + 19\text{m}$
 $= 43019\text{m}$

Ans = 43019m

③ Add the followings

a)
$$\begin{array}{r} 52\text{m } 18\text{cm} \\ + 63\text{m } 19\text{cm} \\ \hline 115\text{m } 37\text{cm} \end{array}$$

b)
$$\begin{array}{r} 24\text{m } 70\text{cm} \\ + 9\text{m } 68\text{cm} \\ \hline 30\text{m } 42\text{cm} \end{array}$$

c)
$$\begin{array}{r} 48\text{m } 12\text{cm} \\ + 15\text{m } 03\text{cm} \\ \hline 5\text{m } 22\text{cm} \end{array}$$

$$\begin{array}{r} 64\text{m } 80\text{cm} \\ + 68\text{m } 37\text{cm} \\ \hline \end{array}$$

④ Subtract the followings

a)
$$\begin{array}{r} 69\text{km } 82\text{m} \\ - 49\text{km } 97\text{m} \\ \hline 19\text{km } 985\text{m} \end{array}$$

b)
$$\begin{array}{r} 98\text{m } 39\text{cm} \\ - 39\text{m } 17\text{cm} \\ \hline 59\text{m } 22\text{cm} \end{array}$$

c)
$$\begin{array}{r} 74\text{km } 038\text{m} \\ - 16\text{km } 056\text{m} \\ \hline 57\text{km } 982\text{m} \end{array}$$

⑤ Fill in the blanks

- Units used to measure long distance km.
- Standard unit of length is metre.
- 1 cm = 10 mm
- 1 km = 1000 m = 1000 \times 100 cm
- To measure the height of a tree metre (m) unit is to be used.