

## Ex-9.2

A. Change to centimetres:-

1. 3m

$$= (3 \times 100) \text{ cm } [1 \text{ m} = 100 \text{ cm}]$$

$$= 300 \text{ cm}$$

Ans. 3m = 300 cm

2. 17m

$$= (17 \times 100) \text{ cm } [1 \text{ m} = 100 \text{ cm}]$$

$$= 1700 \text{ cm}$$

Ans. 17m = 1700 cm

3. 9m 16cm

$$= 9 \text{ m} + 16 \text{ cm}$$

$$= (9 \times 100) \text{ cm} + 16 \text{ cm } [1 \text{ m} = 100 \text{ cm}]$$

$$= 900 \text{ cm} + 16 \text{ cm}$$

$$= 916 \text{ cm}$$

Ans. 9m 16cm = 916 cm

4. 5m 50cm

$$= 5 \text{ m} + 50 \text{ cm}$$

$$= (5 \times 100) \text{ cm} + 50 \text{ cm } [1 \text{ m} = 100 \text{ cm}]$$

$$= 500 \text{ cm} + 50 \text{ cm}$$

$$= 550 \text{ cm}$$

Ans. 5m 50cm = 550 cm

① similarly do all

B. Express in metres and centimetres

1. 500 cm

$$\Rightarrow 500 \div 100 \\ = 5 \text{ m}$$

Ans 500 cm = 5 m

2. 925 cm

$$\Rightarrow 925 \div 100$$

$$= 9 \text{ m } 25 \text{ cm}$$

3. 1638 cm

$$= (1638 \div 100)$$

$$= 16 \text{ m } 38 \text{ cm}$$

4. 901 cm

$$= 901 \div 100$$

$$= 9 \text{ m } 1 \text{ cm}$$

⊙ Similarly do all.

13. Express in metres and centimetres.

1. 500 cm

$$\Rightarrow 500 \div 100 \\ = 5 \text{ m}$$

Ans 500 cm = 5 m

2. 925 cm

$$\Rightarrow 925 \div 100$$

$$= 9 \text{ m } 25 \text{ cm}$$

3. 1638 cm

$$= (1638 \div 100)$$

$$= 16 \text{ m } 38 \text{ cm}$$

4. 901 cm

$$= 901 \div 100$$

$$= 9 \text{ m } 1 \text{ cm}$$

① Similarly do all.

(c) Express in metres.

① 3 km

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

$$3 \text{ km} = (3 \times 1000) \text{ m}$$
$$= 3000 \text{ m}$$

Ans 3 km = 3000 m

② 9 km 750 m

$$= 9 \text{ km} + 750 \text{ m}$$

$$= (9 \times 1000) \text{ m} + 750 \text{ m}$$

$$= 9000 \text{ m} + 750 \text{ m}$$

$$= 9750 \text{ m}$$

③  $3\frac{1}{2}$  km

$$= \frac{3 \times 2 + 1}{2} \text{ km}$$

$$= \frac{7}{2} \text{ km}$$

$$= \frac{7 \times (1000 \text{ m})}{2}$$

$$= 7 \times (1000 \text{ m} \div 2)$$

$$= 7 \times 500 \text{ m}$$

$$= 3500 \text{ m}$$

Ans  $3\frac{1}{2}$  km = 3500 m

D) Change to kilometres & metres.

1.  $5175 \text{ m}$   
 $= 5175 \div 1000$  [As  $1 \text{ km} = 1000 \text{ m}$ ]

$= 5 \text{ km } 175 \text{ m}$

Ans.  $5175 \text{ m} = 5 \text{ km } 175 \text{ m}$

2.  $3000 \text{ m}$

$= 3000 \div 1000$  [As  $1 \text{ km} = 1000 \text{ m}$ ]

$= 3 \text{ km}$

3.  $950 \text{ m}$

$= (950 \div 1000)$  (As  $1 \text{ km} = 1000 \text{ m}$ )

$= 0 \text{ km } 950 \text{ m} = 950$

Ans  $950 \text{ m} = 950 \text{ m}$

4)  $1831 \text{ m}$

$= (1831 \div 1000)$  [As  $1 \text{ km} = 1000 \text{ m}$ ]

$= 1 \text{ km } 831 \text{ m}$

Ans.  $1831 \text{ m} = 1 \text{ km } 831 \text{ m}$

E) SOLVE.

1. Given height of Mohit's kite went up to = 1083 m

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

$$\text{So } 1083 \text{ m} = 1083 \div 1000$$

$$= 1 \text{ km } 83 \text{ m}$$

Ans. Mohit's kite went up to 1 km 83 m.

2. Distance covered in a day = 7 km

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

$$7 \text{ km} = 7 \times 1000 \text{ m} = 7000 \text{ m}$$

Ans. It travels 7000 m in a day.

3. Length of a shawl =  $2\frac{1}{2}$  m

$$= \frac{2 \times 2 + 1}{2} \text{ m}$$

$$= \frac{5}{2} \text{ m}$$

$$= \frac{5}{2} \times 100 \text{ cm}$$

$$= \frac{5}{2} \times (100 \div 2) \text{ cm}$$

$$= 5 \times 50 \text{ cm}$$

$$= 250 \text{ cm}$$

Ans. Length of a shawl 250 cm.

$$\begin{aligned} 4. \text{ Length of jump} &= 125 \text{ cm} \\ &= (125 \div 100) \\ &= 1 \text{ m } 25 \text{ cm} \end{aligned}$$

Ans. Seema jumped 1 m 25 cm.