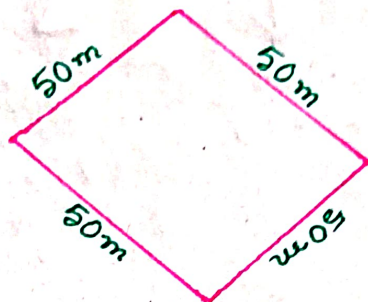


## Ch-2: LONG AND SHORT

### CASE STUDY



Priya wanted to become fit and loose 5 Kg weight. Her doctor asked her to walk 4 Kms each day. She walks around the above field everyday.

- Find the length of the boundary of the above field. (2)
- How many rounds she has to walk around the above field to complete 4 Kms? (2)
- If she walks 10 rounds of the field how many Kms she would walk? (2)
- Find Priya's weight that she wants to loose in grams? (1)

## CASE STUDY



Govind is training for a 30 km Marathon around a circular park of boundary 600m.

- $30 \text{ km} = \underline{\hspace{2cm}} \text{ m}$
- How many rounds of the park Govind has to run to complete 30 km?
- If Govind runs 15 rounds of the field, how many kms will he cover?
- If distance between one place to another through the centre of the park is 190m, find half of its distance.



## Ch-2: LONG AND SHORT

### Units of length

**Km**

(Bigger unit)

**m**

(Standard unit)

**cm**

(Smaller unit)

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

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

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

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

### RECAP WORKSHEET

A) Find:

- 20 cm less than 8 m 40 cm
- 600 m less than 7 km 950 m
- 9 km 200 m more than 5 km 500 m

B) Convert:

$$6 \text{ Km} = \underline{\hspace{2cm}} \text{ m}$$

$$2.5 \text{ Km} = \underline{\hspace{2cm}} \text{ m}$$

$$1500 \text{ m} = \underline{\hspace{2cm}} \text{ Km}$$



## Final Term

### Ch-3 TRIP TO BHOPAL

#### Unitary Method

- \* The word 'unit' means one, hence, this is basically a method of one.
- \* The basic mathematical functions used in unitary method are multiplication and division.

#### WORKSHEET-1

- Cost of 2 l of petrol is ₹ 120. Find the cost of 5 l of petrol.
- Cost of 6 packets of biscuits is ₹ 180. Find the cost of 5 packets of biscuits.
- 4 bunches of grapes had 48 grapes in. How many grapes will be there in 6 such bunches of grapes?



## WORKSHEET- 2

1) If cost of five packets of biscuits is ₹ 25, then the cost of four packets are ₹ 20.  
a) True                      b) False.

2) If 3 shirts require 7.5 m of cloth, then the cloth required for 5 shirts is 12.5 m.  
a) True                      b) False

3) If the cost of 7 pencils is ₹ 49, then cost of 15 pencils is ₹ 104.  
a) True                      b) False

4) What 3 digit numbers can you make using the digits 7, 6, 9?

5) If I gave 7 chocolate each to three of my friends and 5 are still left with me. So, how many chocolates I initially had?