9. It is a triangle park.
So perimeter of triangle park = 200 m + 180 m + 120 m
= 500 m

If a man have to cover twice = 500m * 2 = 1000 m
∴ If a man goes around the park twice then he have to cover 1,000 m

HW
2/12/21

Chapter-14
Perimeter and area,
Exercise-14(A)

2. Find the perimeter of the squares with the following sides.

(c) 9 m 15 cm 36 m 60 cm

9 m 15 cm = 9 x 100 cm + 15 cm
= 900 cm + 15 cm
= 915 cm

Perimeter = 4 x length of one side
= 4 x 915
= 3,660 cm

∴ 3660 cm = 3660 cm ÷ 100
= 36 cm 60 cm

(d) 12m 14 cm 48m 56 cm

12m 14 cm = 12 x 100 cm + 14 cm

= 1200 cm + 14 cm

= 1214 cm

Perimeter = 4 x length of one side

= 4 x 1214 cm

= 4856 cm

∴ 4856 cm = 4856 cm ÷ 100

= 48 m 56 cm

3. Find the perimeters of the rectangles with the following dimesions.

(c) Length = 2 cm, breadth = 1 cm 6 cm

Perimeter = 2 x (length + breadth)

= 2 x (2 + 1)

= 2 x 3

= 6 cm

(d) Length = 10 m 3 cm, breadth = 7m 25 cm

Length = 10 m 3 cm = 10 x 100 cm + 3 cm

= 1000 cm + 3 cm

= 1003 cm

Breadth = 7m 25 cm = 7 x 100 cm + 25 cm

= 700 cm + 25 cm

= 725 cm

Perimeter = 2 x (length + breadth)

= 2 x (1003 + 725)

= 2 x 1728

= 3456 cm

3456 cm = 3456 ÷ 100
= 34 m 56 cm

4. Find the perimeter of the following triangles if the length of each side of the triangle is:

(c) 8 m 5 cm

Side = 8 m 5 cm = 8 × 100 cm + 5 cm
= 800 cm + 5 cm
= 805 cm

Perimeter = AB + BC + CA
= 805 + 805 + 805
= 3 × 805
= 2415 cm

Perimeter = 2415 cm = 2415 cm ÷ 100 = 24 m 15 cm

(d) 11 m 10 cm

Side = 11 m 10 cm = 11 × 100 cm + 10 cm
= 1100 cm + 10 cm
= 1110 cm

Perimeter = AB + BC + CA
= 1110 + 1110 + 1110
= 3 × 1110
= 3330 cm

Perimeter = 3330 cm = 3330 cm ÷ 100 cm = 33 m 30 cm

5. Find the perimeter of the triangles with the following dimensions.

(c) AB = 7 cm, BC = 4.5 cm, CA = 3.5 cm

Perimeter = AB + BC + CA

= 7 + 4.5 + 3.5

= 15 cm

```
  ①
  7.
  4.5
+ 3.5
 15.0
```

(d) AB = 12 m, BC = 11 m, CA = 9 m 7 cm

Perimeter = AB + BC + CA

= 12 m + 11 m + 9 m 7 cm

= 32 m 7 cm

```
   m   cm
   ①
  12   0
  11   0
+  9   7
  32   7
```

10. It is a square shaped garden.

Length of one side = 100 m

So, perimeter = 4 × length of one side

= 4 × 100 m

= 400 m

The wire required to fence around it thrice

= 400 m × 3 = 1200 m

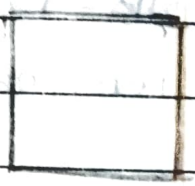
∴ The wire will be required to fencing the ground is 1200 m

CW
3/12/21

Chapter-14
Perimeter and area

Unit of area

- The area of a square whose side is 1 cm long is one square centimeter.
It is written as cm^2 or sq.cm.



- The area of a square whose side is 1 m long is one square meter.
It is written as m^2 or sq.m.