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2.12.2021

## Exercise-14(A)

2. Find the perimeters of the squares with the following sides:

c) 9 m 15 cm

length of one side = 9 m 15 cm

Perimeter =  $4 \times$  length of one side

$= 4 \times 915 = 3\text{ m } 660\text{ cm}$

d) 12 m 14 cm

length of one side = 12 m 14 cm

Perimeter =  $4 \times$  length of one side

$= 4 \times 1214 = 4\text{ m } 856\text{ cm}$

3. Find the perimeters of the rectangles with the following dimensions:

~~(a) length = 7cm~~

(c) length = 2cm; breadth = 1cm

length = 2cm, breadth = 1cm

$$\text{Perimeter} = 2 \times (\text{length} + \text{breadth})$$

$$= 2 \times (2 + 1)$$

$$= 2 \times 3 = 6 \text{ cm}$$

(d) length = 10m 3cm; breadth = 7m 25cm

length = 10m 3cm, breadth = 7m 25cm

$$\text{Perimeter} = 2 \times (\text{length} + \text{breadth})$$

$$2 \times (103 + 725)$$

$$2 \times 1728 = 3456 \text{ cm}$$

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

(c) 8m 5cm

Side = ~~5cm~~ 8m 5cm

$$\text{Perimeters} = AB + BC + CA$$

$$\begin{aligned} &= 805 + 805 + 805 \\ &= 3 \times 805 \\ &= 2415 \text{ cm} \end{aligned}$$

(d) 11m 10cm

Side = 11m 10cm

$$\text{Perimeter} = AB + BC + CA$$

$$\begin{aligned} &= 1110 + 1110 + 1110 \\ &= 3 \times 1110 \\ &= 3330 \text{ cm} \end{aligned}$$

5. Find the perimeters of the triangles with the following dimensions:

(c)  $AB = 7\text{cm}$ ;  $BC = 4.5\text{cm}$ ;  $CA = 3.5\text{cm}$

$$\text{Perimeter} = AB + BC + CA$$

$$= 7 + 4.5 + 3.5$$

$$= 15$$
$$= 15.0\text{cm}$$

(d)  $AB = 12\text{m}$ ;  $BC = 11\text{m}$ ;  $CA = 9\text{m}$

$$\text{Perimeter} = AB + BC + CA$$

$$= 12 + 11 + 9$$

$$= 32\text{m}$$