

~~Learn~~ Std-5th (Maths Solution)

Q3(A) Find the perimeter of these square and rectangle.

1) $l = 120 \text{ m}$, $b = 60 \text{ m}$.

$$\begin{aligned} \text{Peri. of rectangle} &= 2(l+b) \\ &= 2(120 \text{ m} + 60 \text{ m}) \\ &= 2(180 \text{ m}) \\ &= 360 \text{ m} \end{aligned}$$

2) $l = 98 \text{ cm}$, $b = 66 \text{ cm}$.

$$\begin{aligned} \text{Peri. of rectangle} &= 2(l+b) \\ &= 2(98 \text{ cm} + 66 \text{ cm}) \\ &= 2(164 \text{ cm}) \\ &= 328 \text{ cm} \end{aligned}$$

3) $l = 48.8 \text{ cm}$, $b = 32.2 \text{ cm}$.

$$\begin{aligned} \text{Peri. of rectangle} &= 2(l+b) \\ &= 2(48.8 \text{ cm} + 32.2 \text{ cm}) \\ &= 2(81 \text{ cm}) \\ &= 162 \text{ cm} \end{aligned}$$

4) $s = 150 \text{ m}$

$$\begin{aligned} \text{Peri. of square} &= 4 \times s \\ &= 4 \times 150 \text{ m} \\ &= 600 \text{ m} \end{aligned}$$

5) $s = 53 \text{ m}$

$$\begin{aligned} \text{peri. of square} &= 4 \times s \\ &= 4 \times 53 \\ &= 212 \text{ m} \end{aligned}$$

$$6) \text{ Peri of square} = 4 \times s$$

$$= 4 \times 240 \text{ Km}$$

$$= 960 \text{ Km.}$$

(B) Find the area of square.

$$1) s = 40 \text{ m.}$$

$$6) s = 9.4 \text{ m}$$

$$\text{Area of square}$$

$$= s \times s$$

$$= 40 \times 40$$

$$= 160,000 \text{ sq m}$$

$$\text{Area of square} = s \times s$$

$$= 9.4 \times 9.4$$

$$= 88.36 \text{ sq m.}$$

$$2) s = 200 \text{ cm}$$

$$\text{Area of square} = s \times s$$

$$= 200 \times 200$$

$$= 40,000 \text{ sq cm}$$

$$3) s = 70 \text{ cm}$$

$$\text{Area of square} = s \times s$$

$$= 70 \times 70$$

$$= 4900 \text{ sq cm}$$

$$4) s = 9.5 \text{ cm}$$

$$\text{Area of square} = s \times s$$

$$= 9.5 \times 9.5$$

$$= 90.25 \text{ sq cm.}$$

$$5) s = 10.5 \text{ m}$$

$$\text{Area of square} = s \times s$$

$$= 10.5 \times 10.5$$

$$= 110.25 \text{ sq m}$$