

Q. F. Find the area of the square, whose:

① side = 20 cm

Solution:
 Area of the square
 = side \times side
 = 20 cm \times 20 cm
 = 400 sq cm Ans

(4) side = 112 m

Solution:

Area of the square
 = side \times side
 = 112 m \times 112 m
 = 12,544 sq m
 Ans

(7) side = 92 dm

Solution: H.W. 2, 3, 5, 6, 8, 9

Area of the square
 = side \times side
 = 92 dm \times 92 dm
 = 8,464 sq dm Ans

Q. G. (1) Find the perimeter of the triangle whose sides are 8 cm, 9 cm and 12 cm. Solution

Perimeter of the triangle = Sum of lengths of all the three sides
 = 8 cm + 9 cm + 12 cm = 29 cm Ans

Q. G. (2) Find the perimeter of the rectangle whose sides are 10 cm and 7 cm. Solution

Perimeter of the rectangle
 = 2 \times [length + breadth]
 = 2 \times [10 cm + 7 cm]
 = 2 \times 17 cm = 34 cm Ans

Q.5 (3) Find the perimeter of the square whose side is 14 cm
Solution: Perimeter of the square = $4 \times \text{side} = 4 \times 14 \text{ cm} = 56 \text{ cm}$ Ans

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① Area of a square of side 1 cm = side \times side = $1 \text{ cm} \times 1 \text{ cm} = 1 \text{ sq cm}$ Ans

② Area of a square of side 1 cm 2 mm = 144 sq mm
side = 1 cm 2 mm = 1 cm + 2 mm = 10 mm + 2 mm = 12 mm
 \therefore Area of the square = side \times side = $12 \text{ mm} \times 12 \text{ mm} = 144 \text{ sq mm}$

③ Area of a rectangle of dimensions 1 m and 2 m is
= $1 \text{ m} \times 2 \text{ m} = 2 \text{ sq m}$ Ans [Area of the rectangle = $l \times b$]

④ Find the area of the square whose perimeter is 4 cm.

Solution: Given,
Perimeter of the square = 4 cm
 $4 \times \text{side} = 4 \text{ cm}$
 $\therefore \text{side} = 4 \text{ cm} \div 4 = 1 \text{ cm}$

side of a square = perimeter \div 4

\therefore Area of the square
= side \times side
= $1 \text{ cm} \times 1 \text{ cm}$
= 1 sq cm Ans

NOTE: → Ex-10B → Q.No. F.(4) Page-158

In the video by mistake I have written cm it should be m. i.e. $[112\text{m} \times 112\text{m} = 12,544\text{sqm}]$