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G.D.GOENKA PUBLIC SCHOOL

Subject: Mathematics (6th)

Aspect: Home- Assignment

Date: 08-09-2020

Chapter No. 10 (Mensuration)

Exercise 10.3 Page no: 219

Q5. What is the cost of tiling a rectangular plot of land 500 m long and 200 m wide at the rate of Rs. 8 per hundred sq m.?

Solution:

Length of rectangular plot = 500 m

Breadth of rectangular plot = 200 m

Area of land = length \times breadth

$$= 500 \times 200$$

$$= 1,00,000 \text{ sq m}$$

$$\therefore \text{Cost of tiling } 1,00,000 \text{ sq m of land} = (8 \times 1,00,000) / 100$$

$$= \text{Rs. } 8000$$

Q6. A table top measures 2 m by 1 m 50 cm. What is its area in square metres?

Solutions

Given:

$$l = 2\text{m}$$

$$b = 1\text{m } 50 \text{ cm} = 1.50 \text{ m}$$

$$\text{Area} = l \times b$$

$$= 2 \times 1.50$$

$$= 2 \times 150/100$$

$$= 3 \text{ sq m}$$

Write Q5 and Q6 in your mathematics notebook.