Kaboodle

Class 7 Maths Worksheet

WS2

Perimeter and Area

Topic: Rectangle and Square

Name: _____

Date: _____

1. A painting 8 cm long and 5 cm wide is painted on a cardboard such that there is a margin of 1.5 cm along each of its sides. Find the total area of the margin. _____ cm^2

2. A room 5 m long and 4 m wide is surrounded it. If the area of the path is 136 m^2 Find the area of the lawn. _____ m^2

3. One side of a square field is 179 m. Find the cost of raising a lawn on the field at the rate of Rs 1.50 per square metre. ₹ _____

4. How many envelopes can be made out of a sheet of paper 125 cm by 85 cm; supposing one envelope requires a piece of paper of size 17 cm by 5 cm? _____

5. A hall 36 m long and 24 m broad allowing 80 m2 for doors and windows, the cost of papering the walls at Rs 8.40 per m2 is Rs 9408. Find the height of the hall. _____ m

6. From a rectangular sheet of tin, of size 100 cm by 80 cm, are cut four squares of side 10 cm from each corner. Find the area of the remaining sheet. _____ cm^2

7. A room 5 m long and 4 m wide is surrounded by a verandah. If the verandah occupies an area of 22 m2, find the width of the verandah. _____ m

8. A square lawn is surrounded by a path 2.5 m wide. If the area of the path is 165 m2, find the area of the lawn. _____ m^2

9. Find the perimeter of the rectangle with a length equal to 10 cm and width equal to 5 cm. _____ cm

10. Find the perimeter and area of the rectangle of length 17 cm and breadth 13 cm. _____ cm^2

LIVEWORKSHEETS