

## 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   $\text{cm}^2$  area of the margin.
2. A room 5 m long and 4 m wide is surrounded it. If the area of the path is  $136 \text{ m}^2$  Find the area of the lawn.   $\text{m}^2$
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  $80 \text{ m}^2$  for doors and windows, the cost of papering the walls at Rs 8.40 per  $\text{m}^2$  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.   $\text{cm}^2$
7. A room 5 m long and 4 m wide is surrounded by a verandah. If the verandah occupies an area of  $22 \text{ m}^2$ , 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  $165 \text{ m}^2$ , find the area of the lawn.   $\text{m}^2$
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.   $\text{cm}^2$

