

# JSUNIL TUTORIAL , SAMASTIPUR

## 6<sup>th</sup> Area and Perimeter -2

1. A room is 9.68m long and 6.3m wide. Its floor is to be covered with rectangular tiles of size 22cm by 10cm. Find the total cost of the tiles at Rs. 5 per tiles.
2. The area of rectangle is 650 sq cm and one of its side is 13cm. Find the perimeter of rectangle.
3. The total cost of flooring a room at Rs. 8.50 per sq metre is Rs. 510. If the length of the room is 8m. Find its breadth.
4. Find perimeter of square field whose side is 6.3m
5. The top of the table measure 2m 25 cm by 1m 20 cm .Find its area in square metre.
6. How many envelop can be made from a sheet of paper 324cm by 172cm. If envelop require a piece of paper of size 18cm by 12cm.
7. A room is 12.5m by 8m .A square carpet of side 8m is laid on the floor .Find the area of carpet that is not carpeted.
8. (i) How many sq.cm in a square meter.(ii) What is the difference between 3 square meter and 3 meter square
9. A lane, 150m by 9m is paved with bricks of length 22.5cm and breadth 7.5cm. Find the number of bricks required.
10. A room is 13m long and 9m broad. Find the cost of carpeting the room with a carpet 75cm broad at the rate of Rs. 6.50 per metre.
11. The length and breadth of rectangular park are in ratio 5:3 and its perimeter is 128 m. find the area of the park.
12. Two plots have same perimeter. One is a square of side 64m and other is rectangle of length 70m and breadth 58m which field has greater area and by how much.
13. Find the cost of cultivating a rectangular field at Rs. 1.50 per sq metre is Rs. 1833. If breadth of field is 26 m . Find the cost of fencing at Rs. 7.50 per metre.
14. The length and breadth of a play ground are 62m60cm and 25m40cm respectively. Find the cost of turfing at Rs. 2.50 per square meter .How long man take to go three times around the field if he walks at the rate of 2 metre per second.
15. Find the cost of cultivating a rectangular field 34m long and 18m wide at Rs. 4.50 per sq metre. Also find the cost of fencing the field at Rs. 2.25 per metre.