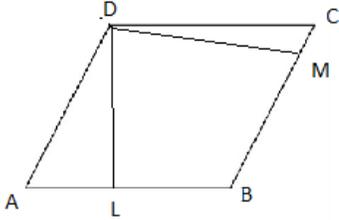Class: VII
Subject: Math's
Topic: Perimeter and area
No. of Questions: 25

Q1.   Find the area and perimeter of a Δ whose base in 6 cm each equal side is 5 cm and height 4 cm.

Q2.   Find the area and perimeter of an equilateral triangle who's each side is 5 cm.

Q3.   Find the area of a rectangle whose length and breadth are 45 cm 16 cm respectively. Also, find the perimeter of the rectangle.

Q4.   Find the area and perimeter of a rectangle whose length and breadth are 15.4 cm and 6.5 cm respectively.

Q5.   Find the area of a rectangle which in 30 cm long and 25 cm broad.

Q6.   Find the area of a square whose each side in 2.5 cm also find the perimeter.

Q7.   The area of a rectangle in 540 cm^2. If its length in 27 cm then find its width and also its perimeter.

Q8.   The area of a rectangle in 650 cm^2. And one of its side in 13 cm. find the other side. Also find its perimeter.

Q9.   Find the cost of fencing a rectangular field 34 m long and 18 m wide at 2.50 per meter. What in the cost g cultivating the field at Rs 4.25 per square meter?

Q10.   A room is 9.68 m long and 6.2 m wide. Its floor is to be covered with rectangular tiles of size 22 cm by 10 cm. Find the total cost of the tiles at the rate of Rs. 2.75 per tiles.

Q11.   The total cost of flooring a room at Rs. 8.50 per square meter in Rs 510. If the length of the room is 9 meters. Find its width.

Q12. A rectangular metal plate in 7 cm long and 5 cm broad. Find the cost of the plate at the rate of Rs 75 per square cm.

Q13. The length and breadth of a playground are 62 m 60 cm and 25 m 40 cm. Find the cost of turfing it at Rs 2.50 per square meter. How long will a man take to go three times runnel the filed, if he walks at the rate of 2 meter per second.

Q14. The length and breadth of a rectangular field are 360 m and 150 m respectively find its area in hectares as well as in ares.

Q15. The area of a rectangular field in 5 hectares. If one of the sides of the field is 40 m. find the other side.

Q16. How many envelopes can be made out of a sheet of paper 324 cm by 172 cm if each envelop requires a piece of paper of size 18 cm by 12 cm.

Q17. Two plots of land have the same perimeter one is a square of side 64 m and another one is rectangle of length 70 m which plot has the grater area and by how much?

Q18. A room is 13 m long and 9 m broad. Find the area of carpeting the room with a carpet 75 cm broad at the rate Rs 7.50 per meter.

Q19. What happens to the area of a square is its side in doubled

Q20. The area of a rectangular field in 24.03 ares and its length in 54 meters. Find its breadth and perimeter.

Q21. Find the area of a parallelogram whose base = 8 cm and altitude = 5.6 cm.

Q22. In the adjoining figure, ABCD is parallelogram DL ⊥ AB, DM ⊥ BC. If AB = 18 cm, BC = 12 cm and DM = 6 cm. find DL

Q23. A field is in the shape of parallelogram with base 260 cm and the corresponding height is 130 cm. Find the cost of cultivating it at the rate of 75 paisa per area

Q24. Find the side of the parallelogram whose area is 392 square meters and the corresponding altitude in 24.5 meters

Q25. The area of a rhombus in 85 m^2 and its perimeter be 34 m. Find its altitude.