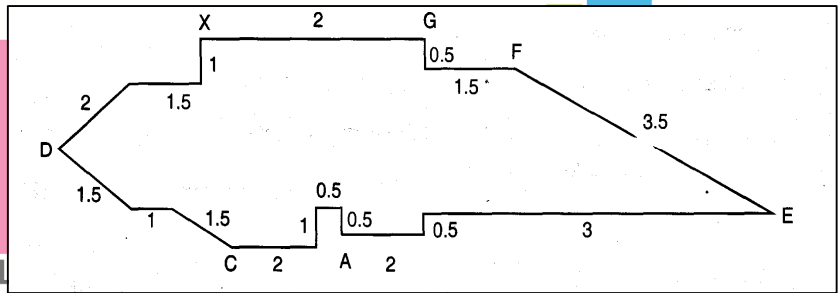


6th - Area and Perimeter - II

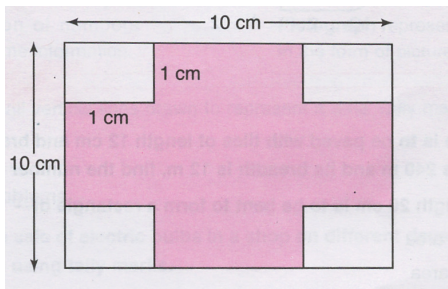


1. One side of a square plot is 300m. Find its area and then find the cost of leveling it at the rate of Rs. 0.50 per m square?
2. How many envelopes of size 15cm X 20cm can be made out of paper of size 4m X 6m?
3. The area of a square picture is 441sq m. What is the length of its side?
4. The side of a square field is 120 meters. The cost of preparing a grass lawn is Rs 30 per meter sq. How much will it cost if the entire field is converted into a lawn?
5. Sahil ran around a rectangular park of length 30m and breadth 15m. Mamta ran around a square field of side 35m. Who covered more distance and by how much?
6. Varun wants to polish the floor of a room which is 140 cm X 120 cm. The charges for polishing is Rs55/ m². What is the total expenditure?
7. Mirza is having a rectangular piece of metal sheet whose area is 175cm² and the width of sheet is 7cm. What is the length of metal sheet?
8. The area of a football ground is 2900 m². If its breadth is 29cm, find the length.
9. Sonu covers 95.52 m by running around a square garden. Find the length of each side.
10. A street is to be paved with floral tiles of length 12cm and breadth 10cm. If the length of lane is 240m and its breadth is 12m, find the number of tiles.

11. Fire broke out at point A. Fire extinguisher is at point X. Which route should it take to reach A?



12. Find the area of shaded region.



13. Which of the following has larger area and by how much? Rectangle of length 42cm and breadth 28cm OR square of side 39cm.
14. Sum of the areas of regions A, B and C is 140 cm², then x is—

