

1. Find the perimeter of a regular decagon whose side is 105 cm.
2. The perimeter of an isosceles triangle is 25 cm and length of one side is 8cm. Find the length of third side.
3. A piece of string is 30m long. What will be the length of each side if the string is used to form (a) square (b) an equilateral triangle (c) a regular pentagon (d) a regular hexagon
4. Find the cost of fencing a rectangular park of side 20 m and 10 m at the rate of ₹ 6 per meter.
5. Which figure encloses more area: a square of side 2 cm ; a rectangle of side 3 cm and 2 cm ;An equilateral triangle of side 4 cm?
6. The perimeter of a triangle is 75 cm. two of the sides are 20 cm and 30cm, find the third side.
7. Kanchan runs around a square park of side 90 m and Vinita runs around a rectangular park whose length is 120 m and breadth is 80 m. who covers the longer distance and by how much?
8. Find the area of rectangle whose length is 16 cm and breadth is 12 cm.
9. Find the area of a square whose side is 25 cm.
10. The area of a rectangular park is 350 sq. m. If its length is 70 m, find its breadth.
11. A tile is a square of side 20 cm. How many such tiles would be required to cover the floor of a square bathroom of side 3 m.
12. A room has rectangular floor of size 300 m by 200 m. A square carpet of side 180 m is laid in the room. Find the area of floor which is not carpeted.
13. Find the cost of flooring a square room at ₹ 150 per square meter if the length of each side of room is 6 m.
14. Length and breadth of a rectangular table-top are 36 cm and 24 cm respectively. Find its perimeter.
15. A rectangular park is 30 metres long and 20 metres broad. A steel wire fence is put up all around it. Find the cost of putting the fence at the rate of ₹15 per metre.
16. A rectangle and a square have the same perimeter 100 cm. Find the side of the square. If the rectangle has a breadth 2 cm less than that of the square. Find the breadth, length and area of the rectangle.