

Short Questions

- Q.1: Define plane figure
Q.2: Define a triangle
Q.3: Define isosceles triangle.
Q.4: Define equilateral triangle.
Q.5: Write the area of an equilateral triangle with side 'a'.
Q.6: Find the cost of turfing a triangular lawn at the rate of Rs.5 per sq.m, if its one side 20 m; and perpendicular on it from the opposite vertex is 30m.
Q.7: Find the area of equilateral triangle with side 4 m.
Q.8: Find the area of right triangle if base and altitude are 20m. and 10m respectively
Q.9: Find the area of a triangle whose two adjacent sides are 16 cm and 12 cm and their included angle is 30° .
Q.10: What is the side of the equilateral triangle whose area is $9\sqrt{3}$ sq.cm.
Q11: Find the area of triangle with sides 5, 4 and 3 meters respectively.

Answers

- Q6. Rs.1500 Q7. $4\sqrt{3} = \text{sq.m.}$ Q8. 100 sq. m.
Q9. 48 sq. cm. Q10. 6 cm. Q11. 5.48 sq. m.