

WORKSHEET - 01

* Note for students - Students must complete it in their class work copy.

Q1. Using Heron's formula, find the area of an equilateral triangle of side 'a' units.

Q2. For an isosceles right angled triangle having each of equal side 'a', find the semi-perimeter.

Q3. An isosceles right angled triangle has area 8 cm^2 . Find the length of its hypotenuse.

Q4. The edges of a triangular board are 6 cm, 8 cm and 10 cm. Find the cost of painting at the rate of Rs 0.09 per cm^2 .

Q5. Find the area of a triangle whose base and altitude are 5 cm and 4 cm, respectively.

Q6. Find the area of an equilateral triangle with side $2\sqrt{3}$ cm.

Q7. Find the length of each side of an equilateral triangle having an area of $9\sqrt{3}\text{ cm}^2$.

Q8. Two sides of a triangle are 8 cm and 11 cm and perimeter of the triangle is 32 cm. Find the length of third side.