

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

Activity

Take any object from your surroundings which has triangular shape or any quadrilateral with sides of different lengths. For example, any decorative piece, any game board. Now measure its sides and find the area using Heron's formula.

Oral Questions

4. What is semiperimeter of a triangle? Why is it important in calculating area of triangle.

5. What special name is given to the letter 's' used in Hero's formula?

6. What is the formula for calculating the area of an isosceles triangle with base x and each of the equal sides y ?

7. What is the area of an equilateral triangle with side x units?

8. Who gave the famous formula for calculating the area of a triangle in terms of its three sides?
