Class : IX Subject : Mathematics Assignment 7: Area of Triangles (Herons Formula)

- 1. The sides of a triangle are 8cm, 15cm and 17cm. find its perimeter and its area. Also find the length of the altitude drawn on the side with length 17cm.
- 2. The perimeter of the triangle is 44cm. if its sides are in the ratio 9:7:6 find its area.
- 3. The base of a right angled triangle is 5cm and hypotenuse is 13cm. Find its area.
- 4. Find the area of quadrilateral ABCD whose sides are 9m, 40m, 28m and 15m. The angle between the first two sides is a right angle.
- 5. Find the area of a trapezium whose parallel sides measure 60cm and 77cm and non-parallel sides are 25cm and 26cm.