

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Heron's Formula

**Q1. A sign board, indicating 'Falling Rocks' is an equilateral triangle with side 'a'. Find the area of the sign board, using Heron's formula if its perimeter is 75 cm.**

**Q2. There is a triangular plot. If the sides are 15 m, 11 m and 6 m, find the area triangular plot.**

**Q3. Sides of right angle are in the ration of 3:5:7 and its perimeter is 300m. Find the area of a triangle.**