Name: $\qquad$ Date: $\qquad$

## Heron's Formula

Q1. Use Heron's formula to find the area of a triangle when $\mathbf{a}=\mathbf{3} \mathbf{c m}, \mathbf{b}$ $=5 \mathrm{~cm}$, and $\mathrm{c}=4 \mathrm{~cm}$.

Q2. What is the area of an equilateral triangle with side 15 cm ?

Q3. Find the area of a triangle two sides of which are 7 m and 6 m and the perimeter is $\mathbf{2 2 m}$.

