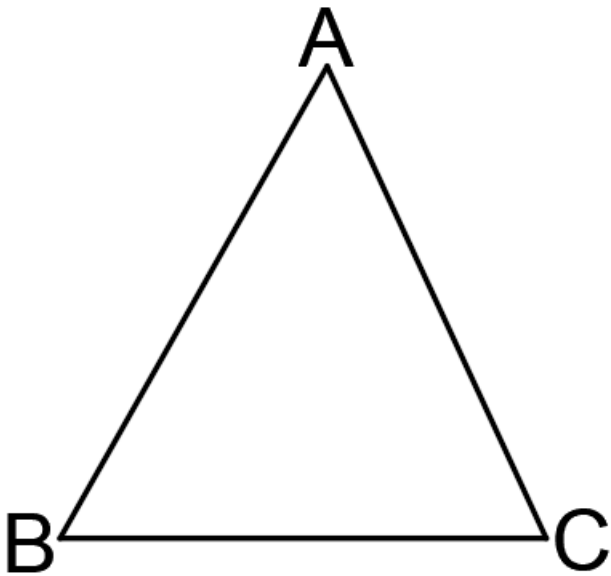


Area of Triangle**Perimeter of triangle:**

Let $AB = a$, $BC = b$, $CA = c$

Perimeter = $a+b+c$

Semi-perimeter = $(a+b+c)/2$

Area of triangle = $\{\text{root } s(s-a)(s-b)(s-c)\}$

This is known as Heron's formula.

Area of an Isosceles triangle:

let equal sides be "a" and base "b"

Area of an isosceles triangle = $1 \times b/2 \times (\text{root } (a^2 - b^2)/4)$

Area of an equilateral triangle: $\text{root}3 / 4 \times a^2$