Perimeter & Area of the **Six Basic Triangles** of Plane **Euclidean** Geometry.
All **answers** for Perimeter and Area **must have** the correct labels.
Values inside the Triangles are the Heights. Which Height is actually **outside** a Triangle.
These Problems are **best viewed** with MS Internet Explorer & Mozilla Firefox!

4ft 3ft 4ft 4ft	2.5ft 2ft 2.5ft 3ft	6ft 3ft 4ft 3ft
Equilateral Triangle	**Isosceles Triangle**	**Scalene Triangle**
Perimeter = S1 + S2 + S3	Perimeter = A + B + A	Perimeter = A + B + C
P = _____	P = _____	P = _____
– – – – – – – – – – – – – – – –	– – – – – – – – – – – – – – – –	– – – – – – – – – – – – – – – –
Area = 1/2 * B * H	Area = 1/2 * B * H	Area = 1/2 * B * H
Area = _____	Area = _____	Area = _____

These Two Sets of Problems should PRINT OUT on Two Sheets of Paper.

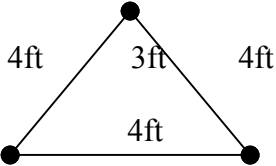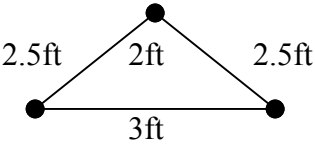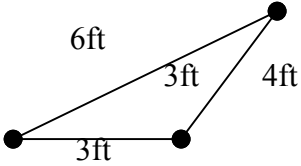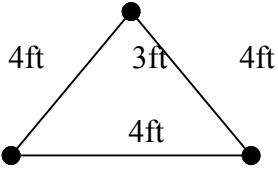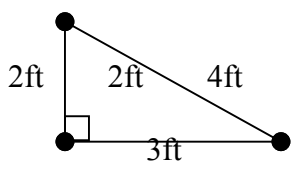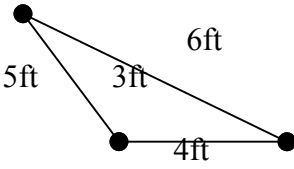<p style="color:red; text-align:center"><u>Perimeter</u> & <u>Area</u> of the <u>Six</u> <u>Basic</u> <u>Triangles</u> of Plane <u>Euclidean</u> Geometry.
All <u>answers</u> for Perimeter and Area <u>must have</u> the correct labels.
Values inside the Triangles are the Heights. Which Height is actually <u>outside</u> a Triangle.</p>
<p style="color:magenta; text-align:center">These Images and Problems are <u>best viewed</u> with MS Internet Explorer.</p>

4ft 3ft 4ft 4ft	2ft 2ft 4ft 3ft	6ft 5ft 3ft 4ft
Acute Triangle Perimeter = S1 + S2 + S3 P = _____ – – – – – – – – – – – – – – – – – Area = 1/2 * B * H Area = _____	**Right Triangle** Perimeter = A + B + C P = _____ – – – – – – – – – – – – – – – – – Area = 1/2 * B * H Area = _____	**Obtuse Triangle** Perimeter = A + B + C P = _____ – – – – – – – – – – – – – – – – – Area = 1/2 * B * H Area = _____

<p style="color:red; text-align:center">Tom Love   Malone College   Fall 2005</p>