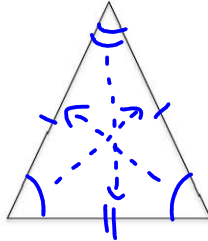Geometry CC – Unit 1   Name: _____
Lesson 7: Angle-Side Relationships   Date: _____

Let's recall what we learned yesterday about Isosceles Triangles.

Now! We must consider what the relationships between angles and sides of a triangle are when the triangle is **not** an isosceles triangle.

Part I: Identify the opposite side of the indicated angle.

Angle	Opposite Side
∠XYZ &Y	XZ
∠YZX	XY
∠ZXY	YZ

Part II: Identify the opposite angle of the indicated side.

Side	Opposite Angle
AB	∠C or ∠ACB
BC	∠A or ∠CAB
AC	∠B or ∠ABC

We will now do an activity together in which we check out a program using the following website:

www.mathwarehouse.com/triangle

You can certainly play with this website on your own time if you would like. It is pretty fancy!

$$\begin{array}{r} 50 \\ +35 \\ \hline 85 \end{array}$$