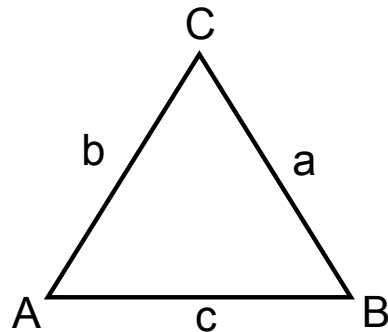
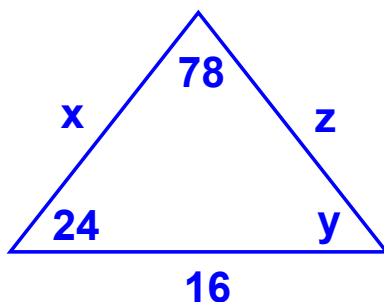


8 - 6**Law of Sines / Law of Cosines****LAW OF SINES**

** Ratio comparing Sine of an angle to its opposite side.*

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$



EXAMPLE**LAW OF COSINES**

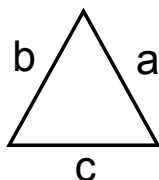
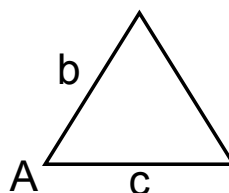
* *ONLY use for: SSS triangles and SAS triangles*

$$a^2 = b^2 + c^2 - 2bc(\cos A)$$

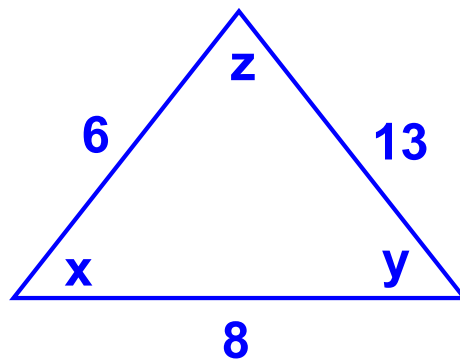
will be solving for one of these

SSS

* Always solve for largest angle first

**SAS**

SSS Sample



SAS Sample

