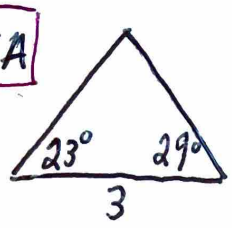
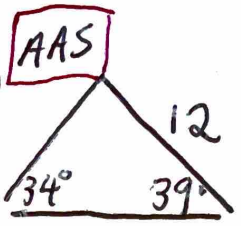
1) Start with Law of Sines $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$

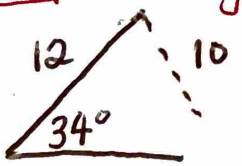
a) ASA



b) AAS



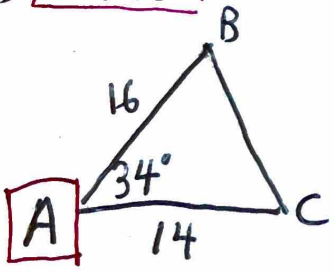
c) SSA * (Ambiguous Case)



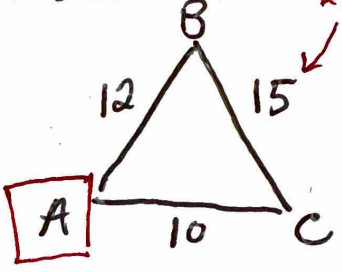
2) Start with Law of Cosines

$a^2 = b^2 + c^2 - 2bc\cos A$
$b^2 = a^2 + c^2 - 2ac\cos B$
$c^2 = a^2 + b^2 - 2ab\cos C$

a) SAS



b) SSS



* start with largest angle (across from the longest side)