Isosceles Triangle Vocabulary

Base Angles Theorem

Base Angles Converse Thm

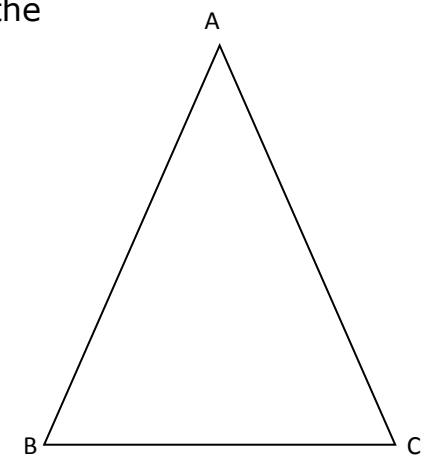
Label the following pieces on the Isosceles Triangle:

-Base

-Legs

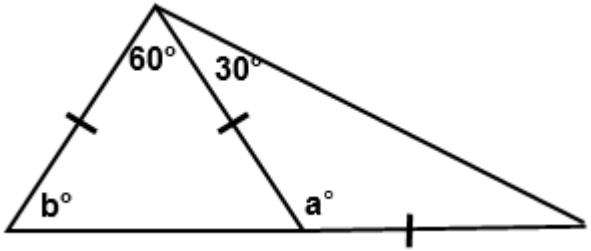
-Vertex Angle

-Base Angles



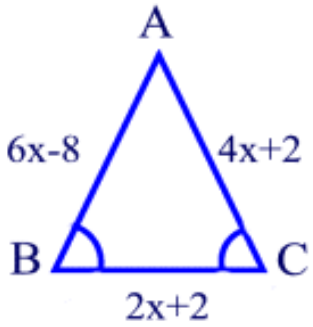
If two sides of a triangle are congruent, then _____

_____



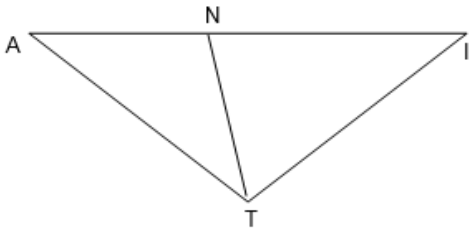
If two angles of a triangle are congruent, then _____

_____



Proofs:

1. Given: $\overline{AT} \cong \overline{TI}$ and $\angle NTA \cong \angle NIT$
   Prove: $\overline{NA} \cong \overline{NT}$



2. Given: C is the midpoint of $\overline{BD}$; $\overline{AB} \cong$
   Prove: $\Delta ABC \cong \Delta ADC$