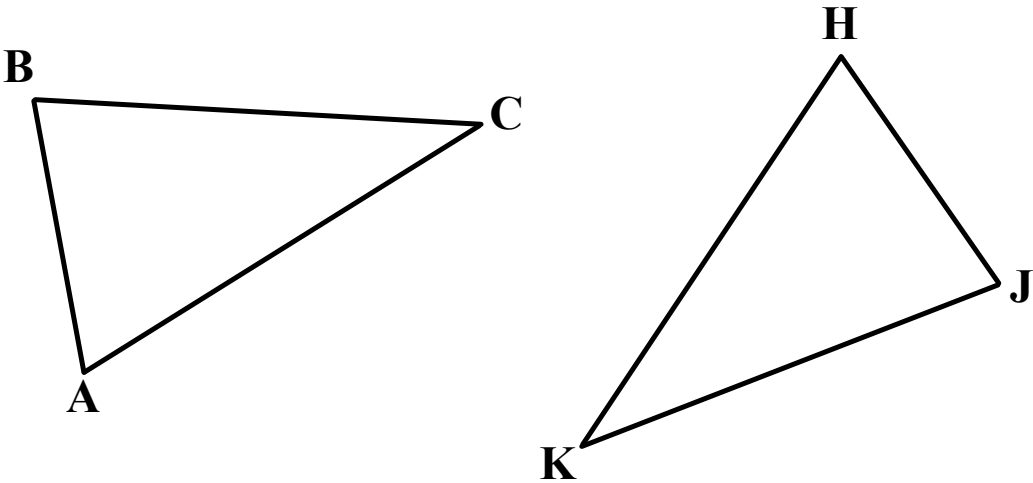


Def. Congruent Polygons

For two polygons to be $\cong$, all the parts of one of the polygons must be $\cong$ to the corresponding parts of the other polygon.

*****Parts include corresponding angles and corresponding sides*****



Th. 4.3 **Third $\angle$ Th.**

If 2 $\angle$'s of one Δ are $\cong$ to 2 $\angle$'s of a second Δ , then the third angles are $\cong$.

Th. 4.4

Congruence of Δ 's is reflexive, symmetric, and transitive.