

# Notes 2.6 – Geometric Proofs

Objective: \_\_\_\_\_

## ***PROPERTIES USED IN ALGEBRAIC & GEOMETRIC PROOFS***

<b>Reflexive</b>	
<b>Symmetric</b>	
<b>Substitution</b>	
<b>Transitive</b>	

EXAMPLE 1: If  $7 = A$  and  $7 = B$ , then  $A = B$ .

Given:

Prove:

<b>Statements</b>	<b>Reasons</b>

EXAMPLE 2:

Given:  $\angle 1 \cong \angle 2$

Prove:  $\angle 2 \cong \angle 1$

<b>Statements</b>	<b>Reasons</b>

