Using Congruent Triangles (CPCTC)

Section 5.7

CPCTC

• Two triangles are congruent iff their corresponding parts are congruent.

Corresponding **P**arts of **C**ongruent **T**riangles are **C**ongruent.

Can we say $\overline{AD} \cong \overline{BC}$? If so, how?



Given: HK bisects ∠GKN, a Prove: GK ≅ NK	and $\angle G \cong \angle N$ H K
Statements	Reasons
JAKENENKA JAKENESKOKN JAKENESKOKN JAKENESKOKN	D given 2) def of bisector 3) reflexive 4) AAS 5) CPCTC





Lesson 5.7 p.281; 3-12, 19