Geometry 1-2

Name _____

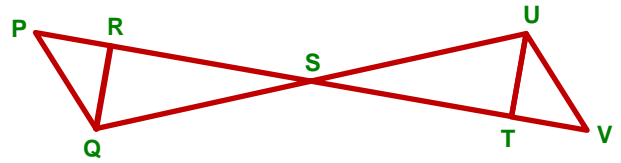Assignment

Period _____   Date _____

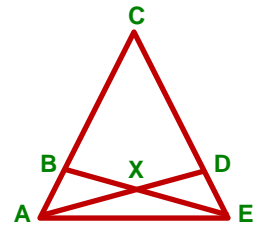## Geometric Proofs #10 – Multiple Triangle Pairs

Given: $\angle QRS$ and $\angle UTS$ are right angles
$\overline{QS} \cong \overline{US}$ **and** $\overline{PQ} \cong \overline{VU}$

Prove: $\angle P \cong \angle V$

Step	Statement	Step	Reason

Given: $\overline{CA} \cong \overline{CE}$ **and** $\overline{BA} \cong \overline{DE}$

Prove: $\overline{BX} \cong \overline{DX}$

Step	Statement	Step	Reason