Congruent Triangles Review   Name_____ Block_____
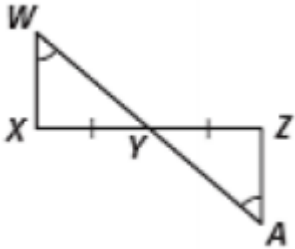
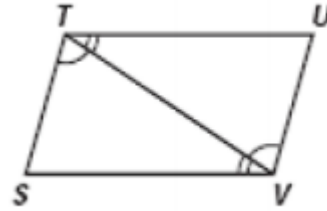Complete the following proofs.

1. Write as a 2 column proof.
   Given that $\angle YWX \cong \angle YAZ$ and $\overline{XY} \cong \overline{ZY}$
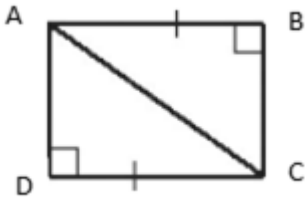   Prove that $\triangle XWY \cong \triangle ZAY$

2. Write as a paragraph proof.
   Given that $\angle STV \cong \angle UVT$ and $\angle TVS \cong \angle VTU$
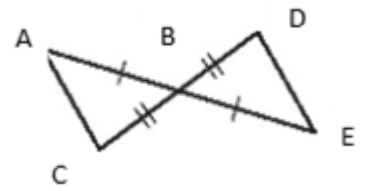   Prove that $\triangle STV \cong \triangle UVT$

3. Write as a 2 column proof.
   Given that $\angle ABC \cong \angle CDA$ and $\overline{AB} \cong \overline{CD}$
   Prove that $\triangle ABC \cong \triangle CDA$
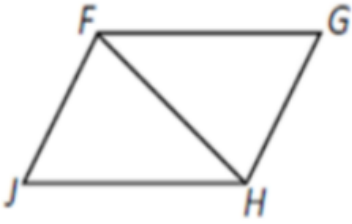
4. Write as a paragraph proof.
   Given that $\overline{AB} \cong \overline{EB}$ and $\overline{CB} \cong \overline{DB}$
   Prove that $\triangle ABC \cong \triangle EBD$

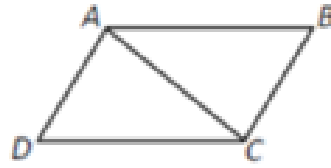Complete the following proofs write any way you would prefer.

5. Given: $\angle JFH \cong \angle GHF$ and $\overline{FJ} \cong \overline{HG}$
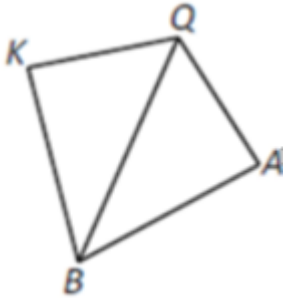   Prove: $\overline{FG} \cong \overline{JH}$

6. Given: $\angle ABC \cong \angle CDA$ and $\overline{AB} \parallel \overline{CD}$
   Prove: $\overline{BC} \cong \overline{DA}$

7. Given: $\overline{BQ}$ bisects $\angle KQA$ and $\overline{QK} \cong \overline{QA}$
   Prove: $\overline{KB} \cong \overline{AB}$

8. Given: $\overline{NP} \cong \overline{SP}$ and P is the midpoint of $\overline{OR}$
   Prove: $\angle OPN \cong \angle RPS$