$\qquad$ Block $\qquad$
Complete the following proofs.

1. Write as a 2 column proof.

Given that $\angle Y W X \cong \angle Y A Z$ and $\overline{X Y} \cong \overline{Z Y}$
Prove that $\triangle X W Y \cong \triangle Z A Y$

2. Write as a paragraph proof.

Given that $\angle S T V \cong \angle U V T$ and $\angle T V S \cong \angle V T U$
Prove that $\triangle S T V \cong \triangle U V T$

3. Write as a 2 column proof.

Given that $\angle A B C \cong \angle C D A$ and $\overline{A B} \cong \overline{C D}$
Prove that $\triangle A B C \cong \triangle C D A$

4. Write as a paragraph proof.

Given that $\overline{A B} \cong \overline{E B}$ and $\overline{C B} \cong \overline{D B}$
Prove that $\triangle A B C \cong \triangle E B D$


C

Complete the following proofs write any way you would prefer.
5. Given: $\angle J F H \cong \angle G H F$ and $\overline{F J} \cong \overline{H G}$

Prove: $\triangle J F H \cong \triangle G H F$

6. Given: $\angle A B C \cong \angle C D A$ and $\overline{A B} \| \overline{C D}$

Prove: $\triangle A B C \cong \triangle C D A$

7. Given: $\overline{B Q}$ bisects $\angle K Q A$ and $\overline{Q K} \cong \overline{Q A}$

Prove: $\triangle K Q B \cong \triangle A Q B$

8. Given: $\overline{N P} \cong \overline{S P}$ and P is the midpoint of $\overline{O R}$ Prove: $\triangle O P N \cong \triangle R P S$


