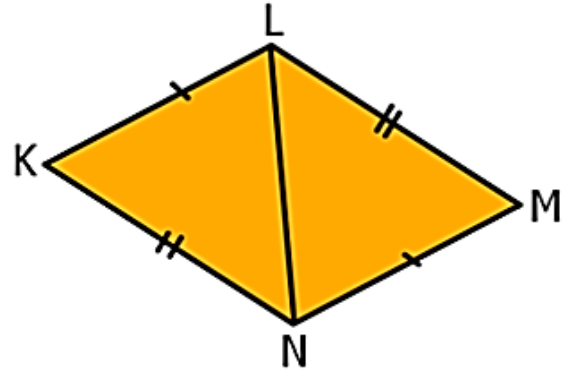


Math 3 Guided Notes Unit 4 Day 2 -Triangle Proofs Review

Given: $\overline{KL} \cong \overline{MN}, \overline{KN} \cong \overline{ML}$

Prove: $\triangle KLN \cong \triangle MNL$



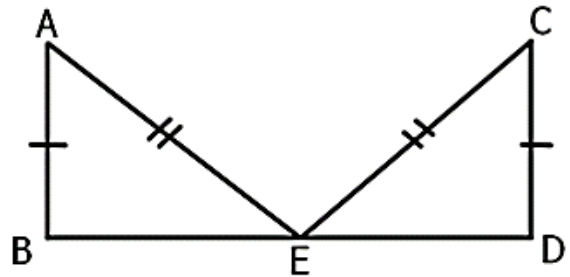
Statement

Reason

Given: $\overline{AE} \cong \overline{CE}, \overline{AB} \cong \overline{CD},$

E is the midpoint of \overline{BD}

Prove: $\triangle EAB \cong \triangle ECD$



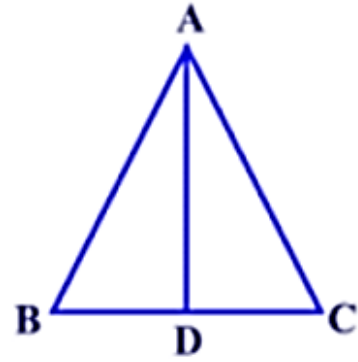
Statement

Reason

Given: $\angle BAD \cong \angle CAD$

$\overline{AD} \perp \overline{BC}$

Prove: $\triangle ABD \cong \triangle ACD$

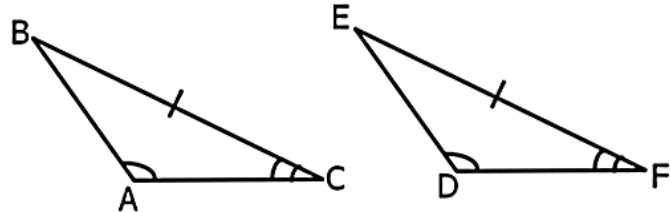


Statement

Reason

Given: $\angle A \cong \angle D$, $\angle C \cong \angle F$, $\overline{BC} \cong \overline{EF}$

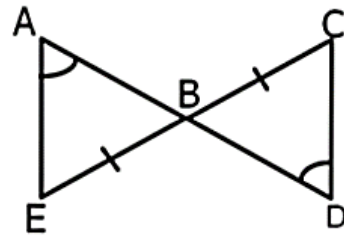
Prove: $\triangle ABC \cong \triangle DEF$



Statement

Reason

Given: $\overline{BE} \cong \overline{BC}$, $\angle A \cong \angle D$
Prove: $\triangle ABE \cong \triangle DBC$

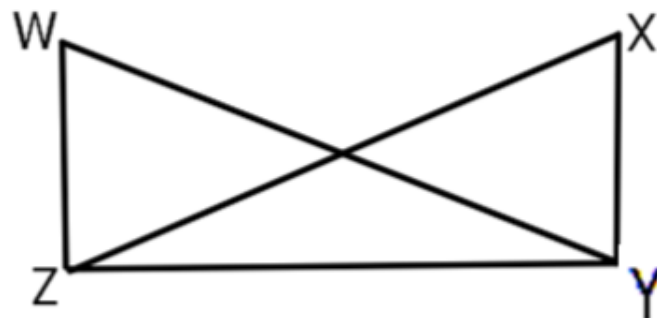


Statement

Reason

Given: $\overline{WY} \cong \overline{XZ}$, $\overline{WZ} \perp \overline{ZY}$, $\overline{XY} \perp \overline{ZY}$

Prove: $\triangle WYZ \cong \triangle XZY$



Statement

Reason