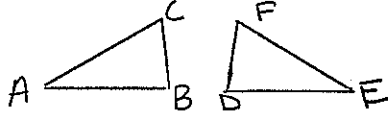


Proof WS #1

① Given: $\overline{AC} \cong \overline{FE}$; $\overline{AB} \cong \overline{DE}$; $\overline{BC} \cong \overline{FD}$

Prove: $\triangle ABC \cong \triangle EDF$

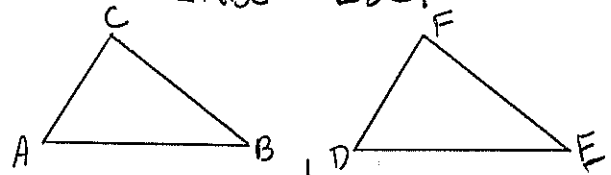


Statements

Reasons

② Given: $\overline{AC} \cong \overline{DF}$; $\overline{AB} \cong \overline{DE}$; $\angle A \cong \angle D$

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

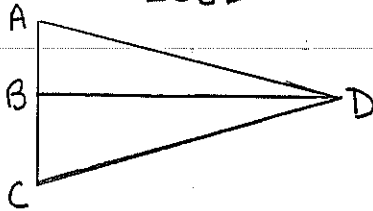


Statements

Reasons

③ Given: $\overline{AB} \cong \overline{BC}$; $\overline{AD} \cong \overline{DC}$

Prove: $\triangle ABD \cong \triangle CBD$



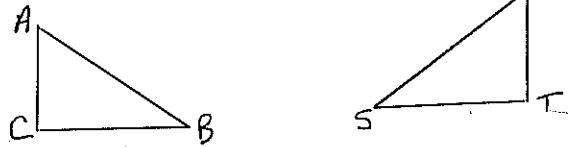
Statements

Reasons

④ Given: $\overline{BC} \cong \overline{ST}$; $\overline{AC} \cong \overline{RT}$;

$\angle C$ and $\angle T$ are right \angle s

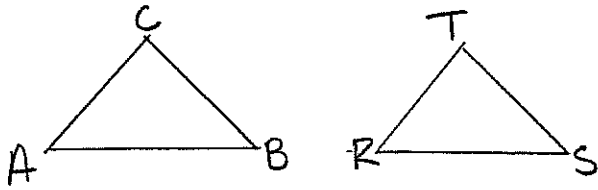
Prove: $\triangle ABC \cong \triangle RST$



Statements

Reasons

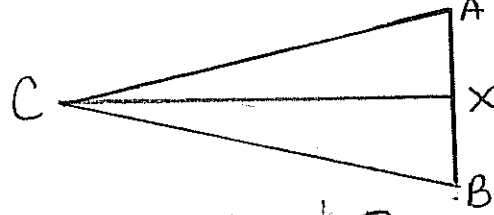
- 5) Given: $\overline{AC} \cong \overline{RT}$; $\overline{AB} \cong \overline{RS}$; $\overline{CB} \cong \overline{TS}$
 Prove: $\triangle ABC \cong \triangle RST$



Statements

Reasons

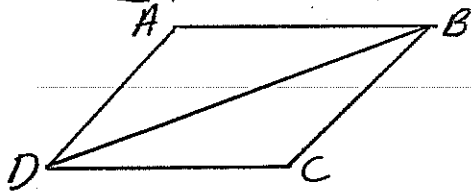
- 6) Given: $\overline{AX} \cong \overline{XB}$; $\overline{CX} \perp \overline{AB}$
 Prove: $\triangle CXA \cong \triangle CXB$



Statements

Reasons

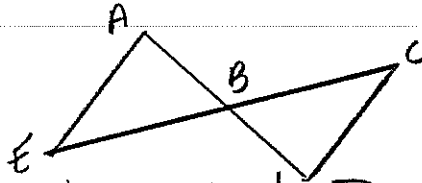
- 7) Given: $\overline{AB} \parallel \overline{DC}$; $\overline{AB} \cong \overline{DC}$
 Prove: $\triangle ADB \cong \triangle CBD$



Statements

Reasons

- 8) Given: B is midpoint of \overline{AD} ;
 $\overline{EB} \cong \overline{BC}$
 Prove: $\triangle ABE \cong \triangle DBC$



Statements

Reasons