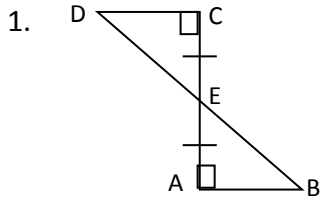


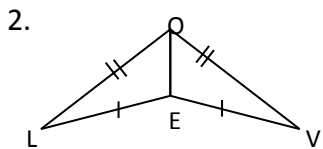
Lesson 6-Practice Proofs

For each pair of triangles, tell: (a) Are they congruent (b) Write the triangle congruency statement. (c) Give the postulate that makes them congruent. Then wrote a proof in the space provided.



- A. _____
 B. Δ _____ \cong Δ _____
 C. _____

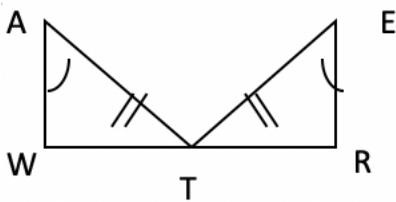
Statement	Reason
$\overline{EC} \cong \overline{EA}, \angle DCE \cong \angle BAE$	
$\angle AEB \cong \angle CED$	
$\Delta DCE \cong \Delta BAE$	



- A. _____
 B. Δ _____ \cong Δ _____
 C. _____

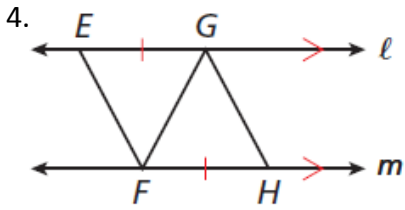
Statement	Reason
$\overline{LO} \cong \overline{VO}, \overline{LE} \cong \overline{VE}$	
$\overline{OE} \cong \overline{OE}$	
$\Delta OLE \cong \Delta OVE$	

3. Given: T is the midpoint of WR



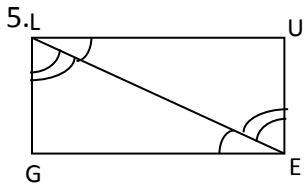
Statement	Reason
$\angle WAT \cong \angle RET, \overline{AT} \cong \overline{ET}$	
$\overline{WT} \cong \overline{RT}$	
$\Delta WTA \cong \Delta RTE$	

- A. _____
 B. Δ _____ \cong Δ _____
 C. _____



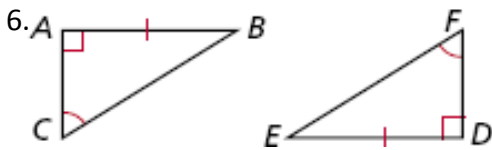
- A. _____
 B. Δ _____ \cong Δ _____
 C. _____

Statement	Reason
$\overline{EG} \cong \overline{HF}, \ell \parallel m$	
$\overline{FG} \cong \overline{GF}$	
$\angle EGF \cong \angle HFG$	
$\triangle EGF \cong \triangle HFG$	



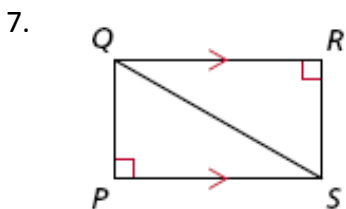
- A. _____
 B. Δ _____ \cong Δ _____
 C. _____

Statement	Reason
$\angle ULE \cong \angle GEL, \angle GLE \cong \angle UEL$	
$\overline{LE} \cong \overline{EL}$	
$\triangle ULE \cong \triangle GEL$	



- A. _____
 B. Δ _____ \cong Δ _____
 C. _____

Statement	Reason
$\overline{AB} \cong \overline{DE}$	
$\angle ACB \cong \angle DFE$	
$\angle BAC \cong \angle EDF$	
$\triangle ABC \cong \triangle DEF$	



- A. _____
 B. Δ _____ \cong Δ _____
 C. _____

Statement	Reason
$\overline{QR} \parallel \overline{SP}, \angle QRS \cong \angle SPQ$	
$\angle RQS \cong \angle PSQ$	
$\overline{QS} \cong \overline{SQ}$	
$\triangle QRS \cong \triangle SPQ$	

