

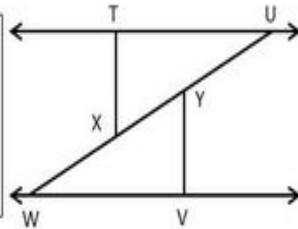
CONGRUENT TRIANGLES

CHALLENGE PROOFS

Name: _____
 Date: _____ Class: _____

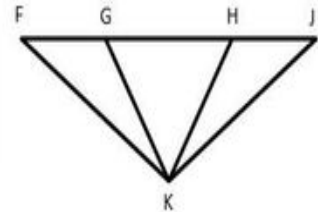
Given: \overline{TU} is parallel to \overline{VW} ,
 \overline{TX} is parallel to \overline{YV} ,
 X is the midpoint of \overline{WY} ,
 Y is the midpoint of \overline{XU}

Prove: $\triangle XTU \cong \triangle YVW$



Given: $\overline{FR} \cong \overline{JR}$
 $\overline{GR} \cong \overline{HR}$
 $\overline{FG} \cong \overline{HJ}$

Prove: $\triangle FRK \cong \triangle JKR$



	Statement	Justification
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