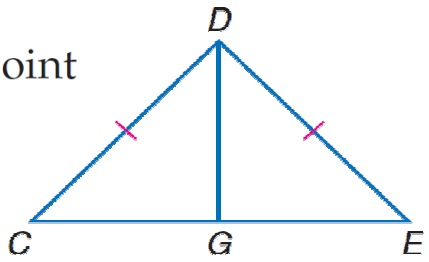
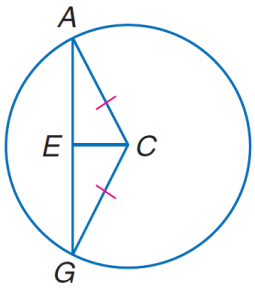
Given: $\triangle CDE$ is an isosceles triangle. G is the midpoint of $\overline{CE}$.

Prove: $\triangle CDG \cong \triangle EDG$



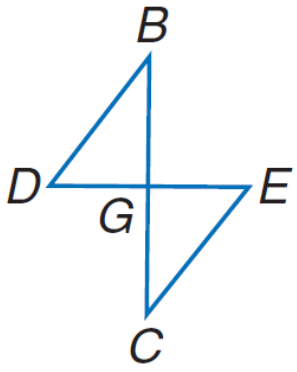
Given: $\overline{AC} \cong \overline{GC}$
$\overline{EC}$ bisects $\overline{AG}$.

Prove: $\triangle GEC \cong \triangle AEC$



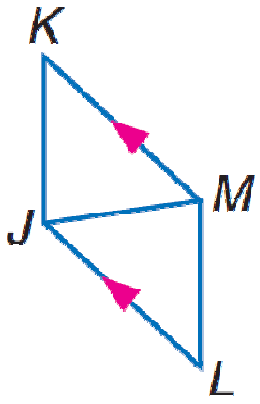
Given: $\overline{DE}$ and $\overline{BC}$ bisect each other.

Prove: $\triangle DGB \cong \triangle EGC$



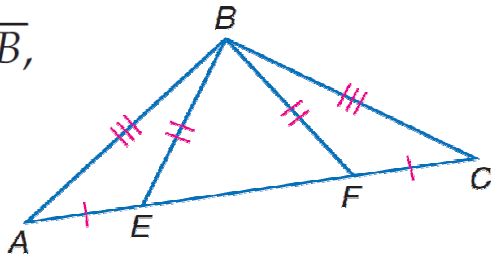
Given: $\overline{KM} \parallel \overline{LJ}$, $\overline{KM} \cong \overline{LJ}$

Prove: $\triangle JKM \cong \triangle MLJ$



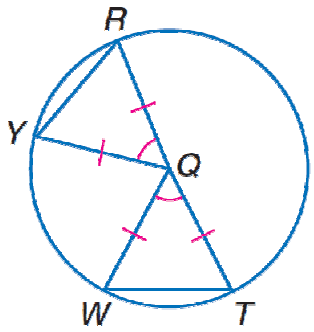
Given: $\overline{AE} \cong \overline{CF}$, $\overline{AB} \cong \overline{CB}$, $\overline{BE} \cong \overline{BF}$

Prove: $\triangle AFB \cong \triangle CEB$



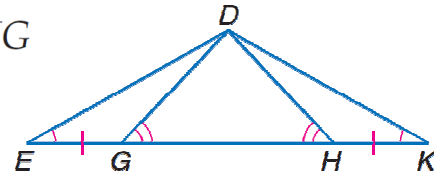
Given: $\overline{RQ} \cong \overline{TQ} \cong \overline{YQ} \cong \overline{WQ}$
$\angle RQY \cong \angle WQT$

Prove: $\triangle QWT \cong \triangle QYR$



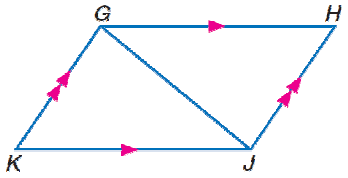
Given: $\angle E \cong \angle K$, $\angle DGH \cong \angle DHG$
$\overline{EG} \cong \overline{KH}$

Prove: $\triangle EGD \cong \triangle KHD$

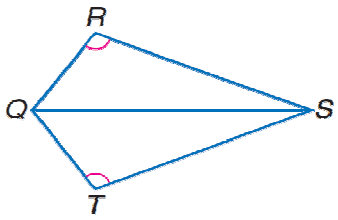


Given: $\overline{GH} \parallel \overline{KJ}$, $\overline{GK} \parallel \overline{HJ}$

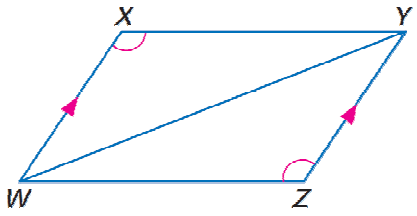
Prove: $\triangle GJK \cong \triangle JGH$



Given: $\overline{QS}$ bisects $\angle RST$; $\angle R \cong \angle T$
Prove: $\triangle QRS \cong \triangle QTS$

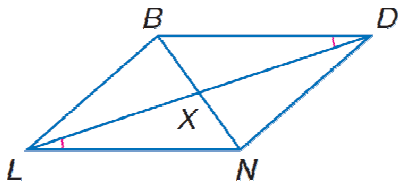


Given: $\overline{XW} \parallel \overline{YZ}$, $\angle X \cong \angle Z$
Prove: $\triangle WXY \cong \triangle YZW$



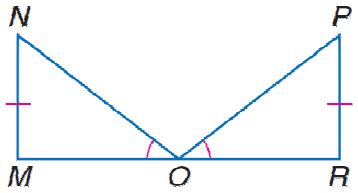
Given: $\overline{DL}$ bisects $\overline{BN}$.
$\angle XLN \cong \angle XDB$

Prove: $\overline{LN} \cong \overline{DB}$



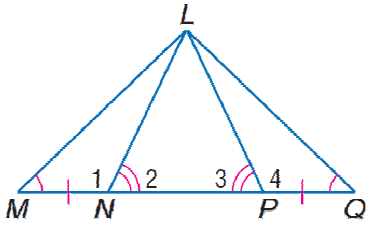
Given: $\angle NOM \cong \angle POR$, $\overline{NM} \perp \overline{MR}$, $\overline{PR} \perp \overline{MR}$, $\overline{NM} \cong \overline{PR}$

Prove: $\overline{MO} \cong \overline{OR}$



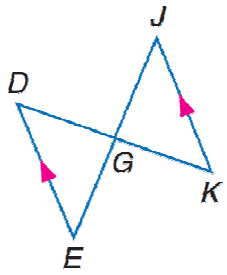
Given: $\overline{MN} \cong \overline{PQ}$, $\angle M \cong \angle Q$, $\angle 2 \cong \angle 3$

Prove: $\triangle MLP \cong \triangle QLN$

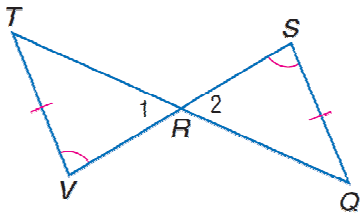


Given: $\overline{DE} \parallel \overline{JK}$, $\overline{DK}$ bisects $\overline{JE}$.

Prove: $\triangle EGD \cong \triangle JGK$



Given: $\angle V \cong \angle S$, $\overline{TV} \cong \overline{QS}$
Prove: $\overline{VR} \cong \overline{SR}$



Given: $\overline{TX} \parallel \overline{SY}$, $\angle TXY \cong \angle TSY$
Prove: $\triangle TSY \cong \triangle YXT$