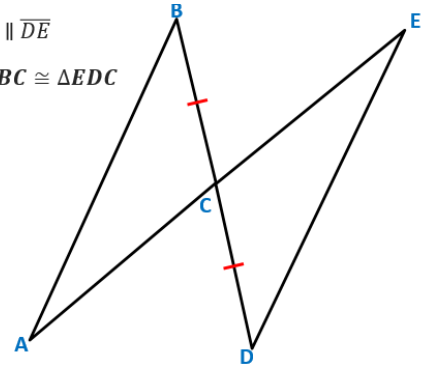


## Proofs Day 2

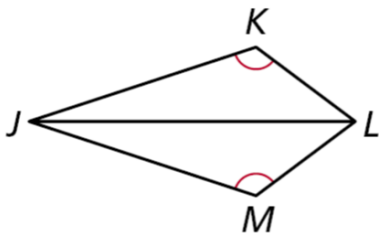
Given:  $\overline{AB} \parallel \overline{DE}$

Prove:  $\triangle ABC \cong \triangle EDC$



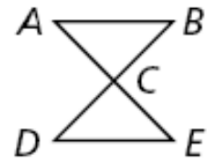
Given:  $\overline{JL}$  bisects  $\angle KLM$

Prove:  $\triangle JKL \cong \triangle JML$



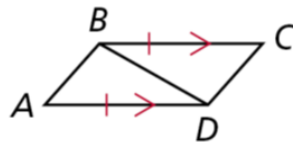
Given:  $C$  is the midpoint of  $\overline{BD}$  and  $\overline{AE}$ .

Prove:  $\triangle ABC \cong \triangle EDC$



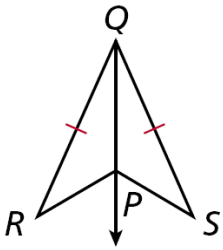
Given:  $\overline{BC} \parallel \overline{AD}$ ,  $\overline{BC} \cong \overline{AD}$

Prove:  $\triangle ABD \cong \triangle CDB$



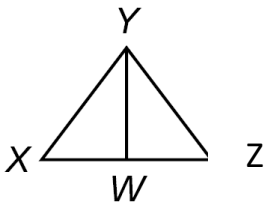
Given:  $QP$  bisects  $\angle RQS$ .  $QR \cong QS$

Prove:  $\triangle RQP \cong \triangle SQP$



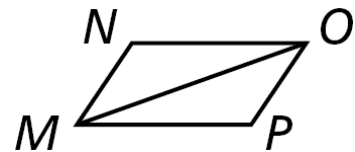
Given:  $\overline{YW}$  bisects  $\overline{XZ}$ ,  $XY \cong ZY$ .

Prove:  $\angle XYW \cong \angle ZYW$



Given:  $\overline{NO} \parallel \overline{MP}$ ,  $\angle N \cong \angle P$

Prove:  $\angle NMO \cong \angle POM$



**Given:**  $J$  is the midpoint of  $\overline{KM}$  and  $\overline{NL}$ .

**Prove:**  $\angle LKJ \cong \angle NMJ$

