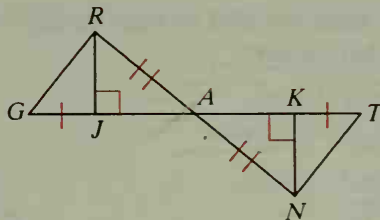


3. Prove:  $\angle G \cong \angle T$

Key steps of proof:

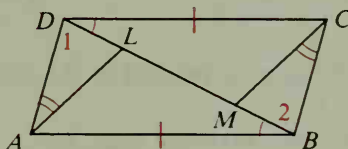
- $\triangle RAJ \cong \triangle NAK$
- $\overline{RJ} \cong \overline{NK}$
- $\triangle GRJ \cong \triangle TNK$
- $\angle G \cong \angle T$



4. Prove:  $\overline{AL} \cong \overline{CM}$

Key steps of proof:

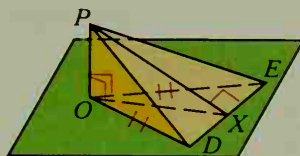
- $\triangle ABD \cong \triangle CDB$
- $\overline{AD} \cong \overline{CB}$ ;  $\angle 1 \cong \angle 2$
- $\triangle ADL \cong \triangle CBM$
- $\overline{AL} \cong \overline{CM}$



5. Prove:  $\overline{DX} \cong \overline{EX}$

Key steps of proof:

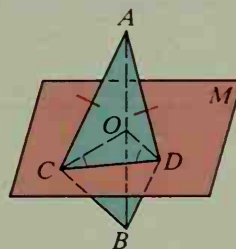
- $\triangle POD \cong \triangle POE$
- $\overline{PD} \cong \overline{PE}$
- $\triangle PDX \cong \triangle PEX$
- $\overline{DX} \cong \overline{EX}$



6. Prove:  $\angle CBA \cong \angle DBA$

Key steps of proof:

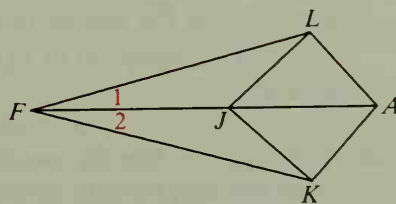
- $\overline{OC} \cong \overline{OD}$
- $\triangle CAO \cong \triangle DAO$
- $\angle CAO \cong \angle DAO$
- $\triangle CAB \cong \triangle DAB$
- $\angle CBA \cong \angle DBA$



- B** 7. Given:  $\overline{LF} \cong \overline{KF}$ ;  $\overline{LA} \cong \overline{KA}$

Prove:  $\overline{LJ} \cong \overline{KJ}$

- List the key steps of a proof.
- Write a proof in two-column form.



8. Given:  $\overline{PR}$  bisects  $\angle SPT$  and  $\angle SRT$ .

Prove:  $\overline{PR}$  bisects  $\angle SQT$ .

- List the key steps of a proof.
- Write a proof in paragraph form.

