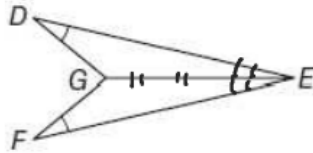


Given: $\angle D \cong \angle F$
 \overline{GE} bisects $\angle DEF$

Prove: $\overline{DG} \cong \overline{FG}$



Statement	Reason
1) $\angle D \cong \angle F$ \overline{GE} bisects $\angle DEF$	1) Given
2) $\overline{GE} \cong \overline{GE}$	2) Reflexive prop
3) $\angle DEG \cong \angle FEG$	3) Definition of Bisector
4) $\triangle DEG \cong \triangle FEG$	4) AAS
	5) CPCTC

Given: $\overline{AB} \cong \overline{CB}$
 $\angle A \cong \angle C$
 \overline{BD} bisects $\angle ABC$

Prove: $\overline{AD} \cong \overline{CD}$

