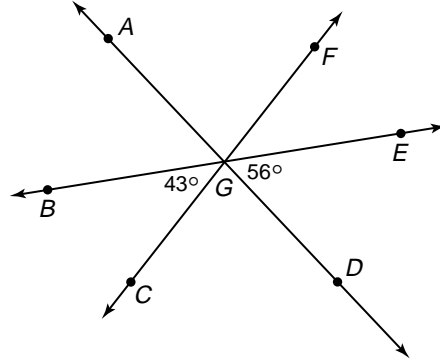


Practice

Verifying Angle Relationships

Complete each statement if $m\angle BGC = 43$ and $m\angle DGE = 56$.

- $\angle FGA \cong$?
- $\angle BGF$ and ? are supplementary.
- $m\angle CGD =$?
- $m\angle AGF =$?
- $\angle EGC$ and ? are supplementary.
- $m\angle AGB =$?
- $m\angle AGC =$?

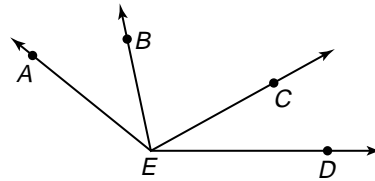


Write a two-column proof.

8. **Given:** $\angle AEC \cong \angle DEB$

Prove: $\angle AEB \cong \angle DEC$

Proof:



Statements

Reasons