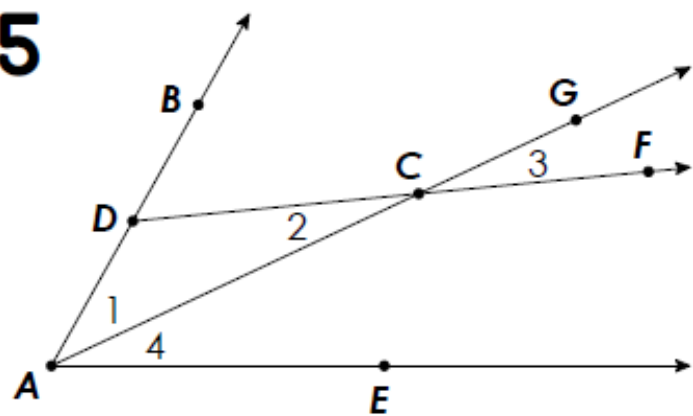


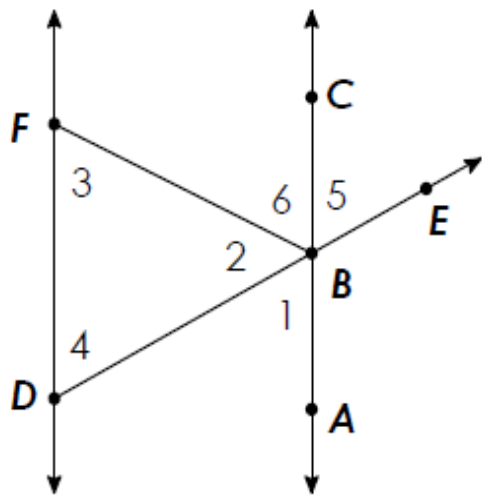
PROOF 5



Given: $\overrightarrow{DF} \parallel \overrightarrow{AE}$, \overrightarrow{AC} bisects $\angle BAE$

Prove: $\angle 1 \cong \angle 3$

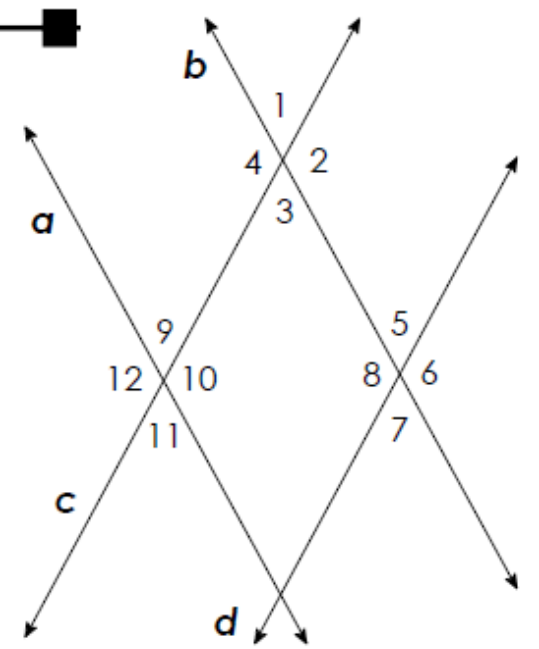
PROOF 2



Given: $\overline{FD} \parallel \overline{CA}$, $\angle 3 \cong \angle 4$

Prove: $\angle 5 \cong \angle 6$

PROOF I

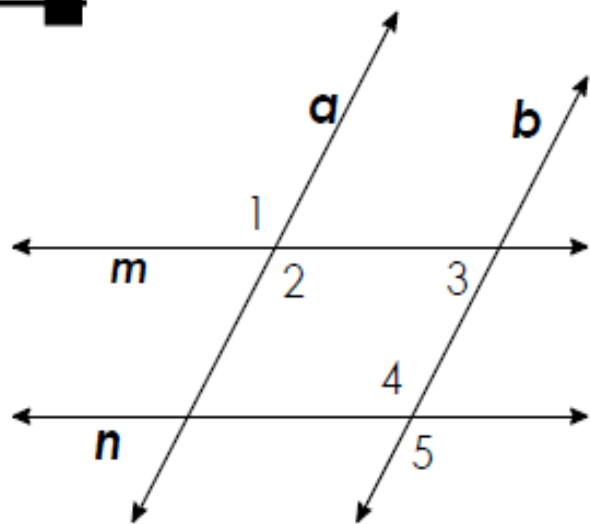


Given: $c \parallel d$, $\angle 12 \cong \angle 8$

Prove: $a \parallel b$



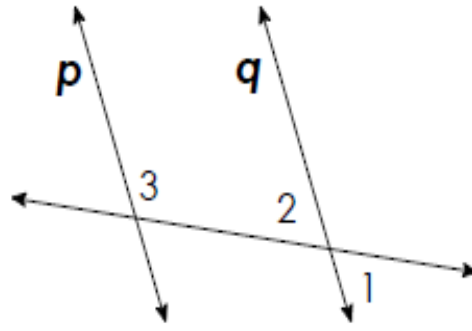
PROOF 6



Given: $a \parallel b, m \parallel n$

Prove: $\angle 1 \cong \angle 5$

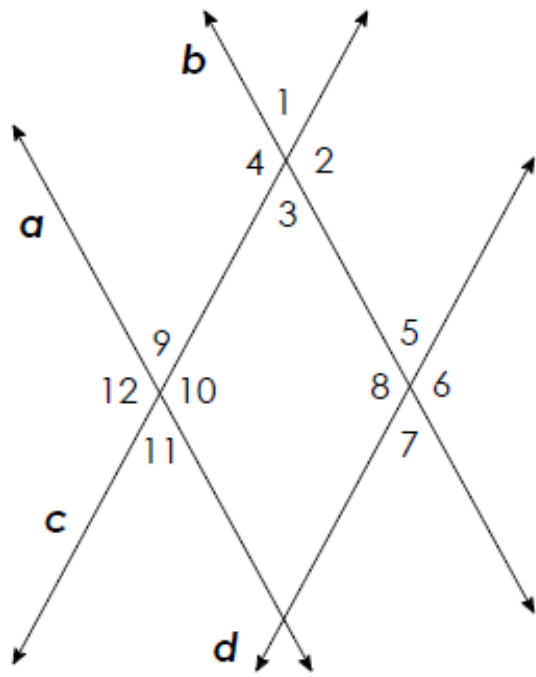
PROOF 4



Given: $\angle 1$ and $\angle 3$ are supplementary

Prove: $p \parallel q$

PROOF 3



Given: $c \parallel d$, $a \parallel b$

Prove: $\angle 9$ and $\angle 6$ are supplementary