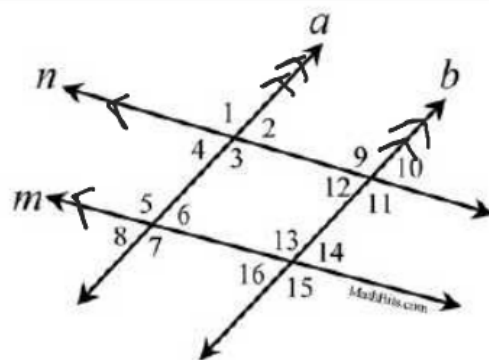


1.

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

Prove: $\angle 3 \cong \angle 13$

Proof



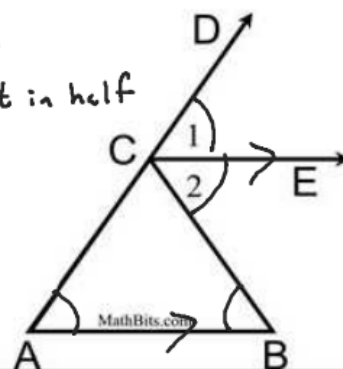
Given: ~~\overline{ACD}~~ , \overline{CE} bis $\angle DCB$

Bisect
↳ cut in half

$\overline{CE} \parallel \overline{AB}$

Prove: $\angle A \cong \angle B$

Proof



Statement	Reason
1) \overline{CE} bisects $\angle DCB$ $\overline{CE} \parallel \overline{AB}$	1) Given
2) $\angle 1 \cong \angle 2$	2) Definition of Bisect
3) $\angle 1 \cong \angle A$	3) Corresponding \angle 's \cong
4) $\angle 2 \cong \angle B$	4) Alternate Interior \angle 's \cong
5) $\angle A \cong \angle B$	5) Substitution prop

