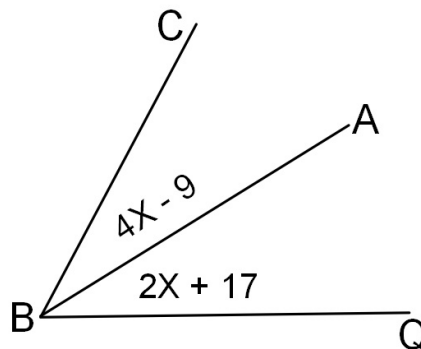


1. Write a proof.

Given: $\overline{AB}$ bisects $\angle CBQ$

Prove: $x = 13$



Statement

Reasons

$\overline{AB}$ bisects $\angle CBQ$	Given
$\angle CBA \cong \angle ABQ$	Def of Bis.
$4x - 9 \cong 2x + 17$	Substitution
$-2x$	Subtr.
$2x - 9 \cong 17$	add.
$+9$	
$\frac{2x}{2} = \frac{26}{2}$	div.
$x = 13$	

2. Find the measure of each numbered angle.

Given: $a \parallel b$ and $\overline{NQ} \perp \overline{MN}$

