

Geometry Honors
Proof Template

Name _____

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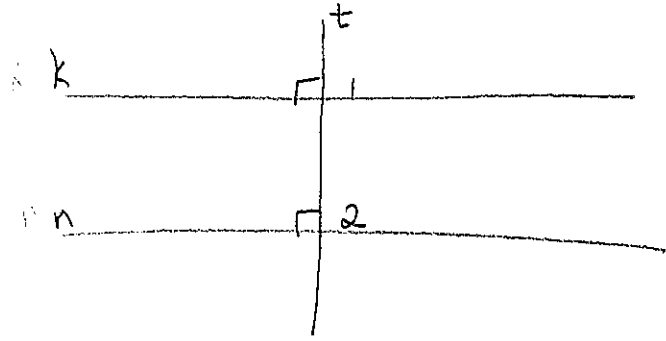
Diagram:

Given:

$$k \perp t; n \perp t$$

Prove:

$$k \parallel n$$



Statement	Reason
1. $k \perp t; n \perp t$	1. Given
2. $m\angle 1 = 90; m\angle 2 = 90$	2. def. \perp
3. $m\angle 1 = m\angle 2$	3. subst.
4. $\angle 1 \cong \angle 2$	4. def. \cong
5. $k \parallel n$	5. corr. \angle 's $\cong \rightarrow \parallel$ lines

