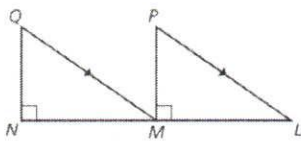


#12.6a
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17. Given M is the midpoint of \overline{NL} .
 $\overline{NL} \perp \overline{NQ}$, $\overline{NL} \perp \overline{MP}$, $\overline{QM} \parallel \overline{PL}$

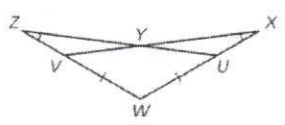
Prove $\triangle NQM \cong \triangle MPL$



STATEMENTS	REASONS
1. M is the midpoint of \overline{NL} . $\overline{NL} \perp \overline{NQ}$, $\overline{NL} \perp \overline{MP}$, $\overline{QM} \parallel \overline{PL}$	1.
2. $\angle QNM$ and $\angle PML$ are right angles.	2. Definition of perpendicular lines
3. $\angle QNM \cong \angle PML$	3.
4. $\angle QMN \cong \angle PLM$	4.
5. $\overline{NM} \cong \overline{ML}$	5. Definition of midpoint
6. $\triangle NQM \cong \triangle MPL$	6.

19. Given $\overline{VW} \cong \overline{UW}$,
 $\angle X \cong \angle Z$

Prove $\triangle XWV \cong \triangle ZWU$



STATEMENTS	REASONS
1.	1.
2. $\angle W \cong \angle W$	2.
3.	3.