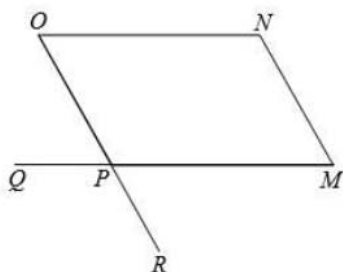


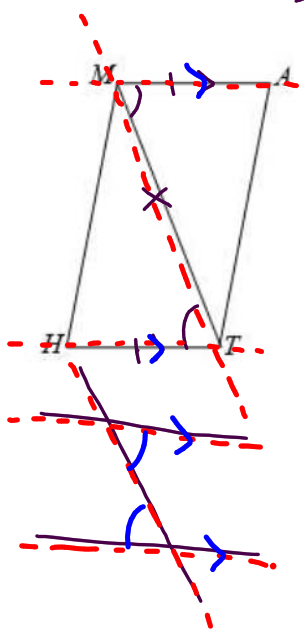
3) Given:  $\angle O \cong \angle M$ ,  
 $\angle QPR \cong \angle ONM$

Prove:  $MNOP$  is a parallelogram.



4) Given:  $\overline{MA} \cong \overline{HT}$ ,  
 $\angle AMT \cong \angle HTM$

Prove:  $MATH$  is a parallelogram.



statement	reason
① $\overline{MA} \cong \overline{HT}$ $\angle AMT \cong \angle HTM$	① Given
② $MA \parallel HT$	② When two lines are cut by a transversal and alt. int. $\angle$ 's are $\cong$ , the lines must be $\parallel$ .
③ $MATH$ is a <span style="border: 1px solid black; padding: 2px;">P</span>	③ If one pair of opposite sides is BOTH $\cong$ AND $\parallel$ , it is a <span style="border: 1px solid black; padding: 2px;">P</span> .