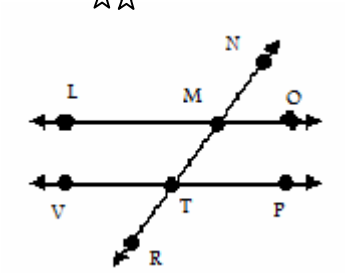
Name_____
Due Date_____
Block_____

Shapes and Angle Relationships Practice Test #2.1

1. ☆☆

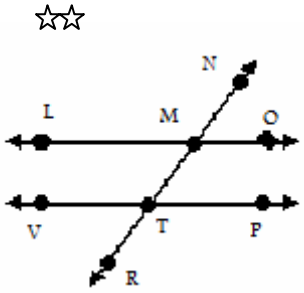


$Given: m\angle LMN = 103°$

$m\angle RTP = 103°$

$Prove: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

2. ☆☆

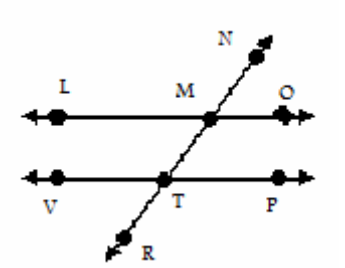


$Given: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

$m\angle LMN = 103°$

$Prove: m\angle RTP = 103°$

3. ☆☆

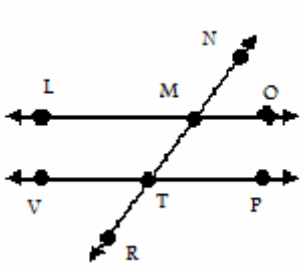


$Given: m\angle OMN = 40°$

$m\angle PTM = 40°$

$Prove: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

4. ☆☆

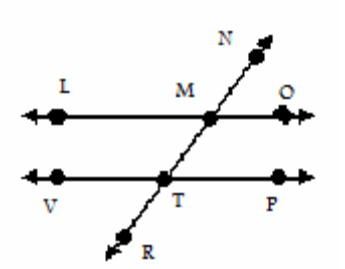


$Given: m\angle OMT = 110°$

$m\angle PTM = 70°$

$Prove: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

5. ☆☆

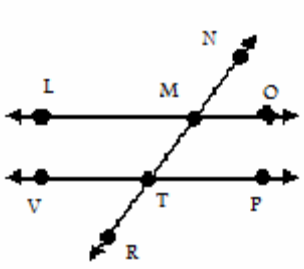


$Given: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

$m\angle OMT = 110°$

$Prove: m\angle PTM = 70°$

6. ☆☆



$Given: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

$m\angle LMT = 50°$

$Prove: m\angle MTP = 50°$

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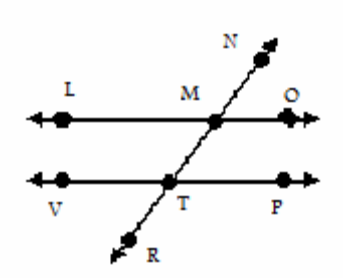
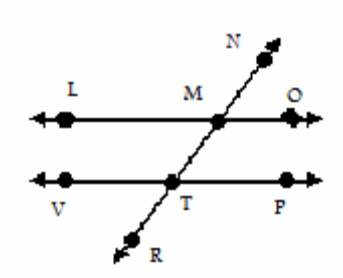
7. ☆



$Given: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

$Prove: \measuredangle VTR \cong \measuredangle OMN$

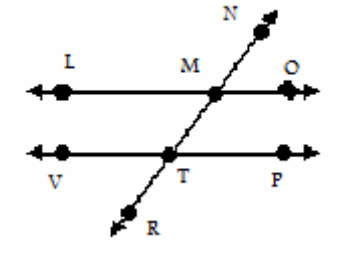
8. ☆



$Given: 2 \cdot m\measuredangle LMT = 2 \cdot m\measuredangle VTR$

$Prove: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

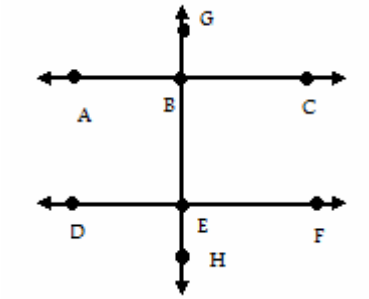
9. ☆



$Given: \overleftrightarrow{LO} \parallel \overleftrightarrow{VP}$

$Prove: 2 \cdot m\measuredangle LMN = 2 \cdot m\measuredangle RTP$

10. ☆☆☆

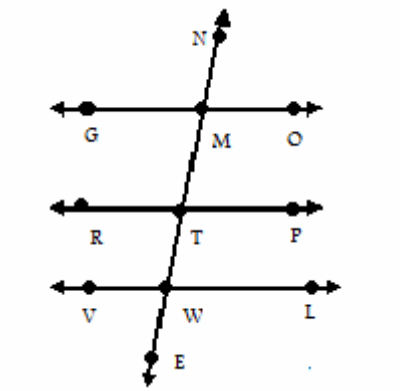


$Given: \overleftrightarrow{AC} \perp \overleftrightarrow{GH}$

$\overleftrightarrow{DF} \perp \overleftrightarrow{GH}$

$Prove: \overleftrightarrow{AC} \parallel \overleftrightarrow{DF}$

11☆ ☆ ☆

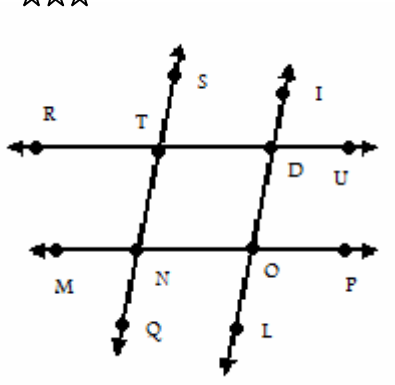


$Given: \overleftrightarrow{GO} \parallel \overleftrightarrow{RP}$

$\overleftrightarrow{RP} \parallel \overleftrightarrow{VL}$

$Prove: \overleftrightarrow{GO} \parallel \overleftrightarrow{VL}$

12☆☆☆



$Given: \measuredangle TNO \cong \measuredangle TDO$

$\overleftrightarrow{RU} \parallel \overleftrightarrow{MP}$

$Prove: \overleftrightarrow{QS} \parallel \overleftrightarrow{LI}$