

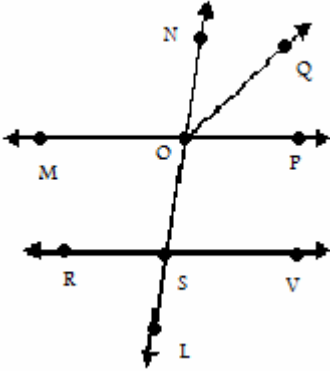
Name _____

Due Date _____

Block _____

Shapes and Angle Relationships #6.1

1. ☆☆☆



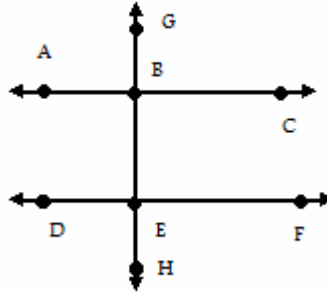
Given: $\overline{MP} \parallel \overline{RV}$

$m\angle NOQ = 30^\circ$

\overline{OQ} bisects $\angle NOP$

Prove: $m\angle OSV = 60^\circ$

2. ☆☆☆

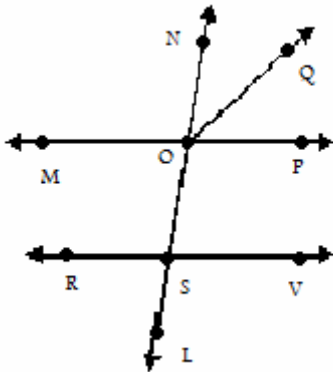


Given: $\overline{AC} \parallel \overline{DF}$

$\overline{AC} \perp \overline{GH}$

Prove: $\overline{DF} \perp \overline{GH}$

3. ☆☆☆



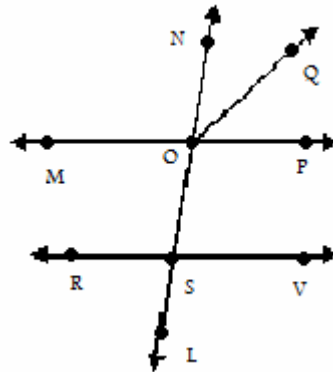
Given: $m\angle NOQ = 20^\circ$

$m\angle QOP = 50^\circ$

$m\angle OSV = 70^\circ$

Prove: $\overline{MP} \parallel \overline{RV}$

4. ☆☆☆



Given: $m\angle NOQ = 30^\circ$

$m\angle QOP = 60^\circ$

$\overline{MP} \parallel \overline{RV}$

Prove: $\overline{RV} \perp \overline{NL}$