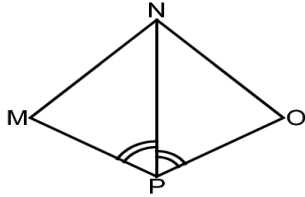


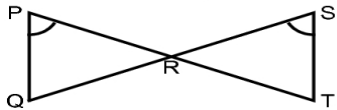
Geometry (H)**Worksheet: Congruent Triangles II**

Write proofs for each of the problems below. Not all of the given information is marked on each figure. Make sure you correctly mark this information before beginning the proof.

1. Given: $\angle MNP \cong \angle ONP$, $\angle MPN \cong \angle OPN$
Prove: $\triangle MPN \cong \triangle OPN$



2. Given: $\overline{PQ} \cong \overline{TS}$, $\angle P \cong \angle S$
Prove: $\triangle PQR \cong \triangle STR$



3. Given: $\overline{HI} \parallel \overline{KJ}$, $\overline{HI} \cong \overline{KJ}$
Prove: $\triangle HIK \cong \triangle JKI$

