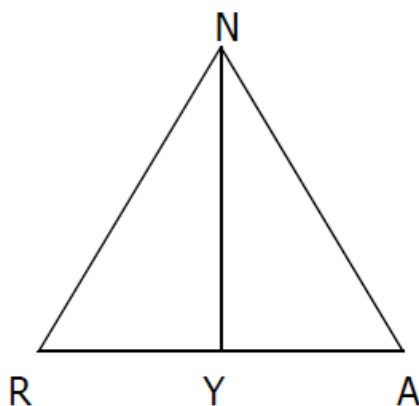
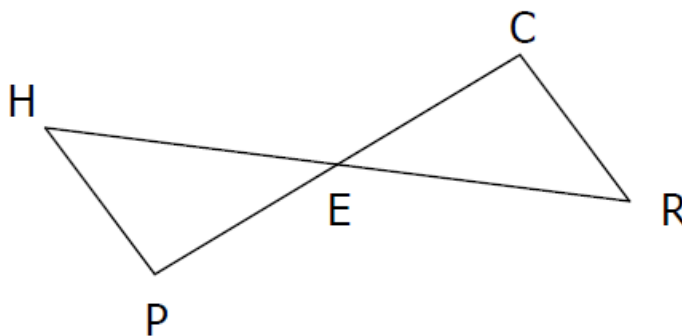


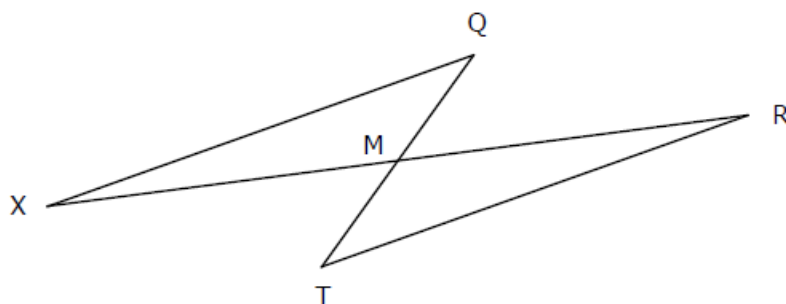
Name: _____

Applying Congruence

Prove the following:

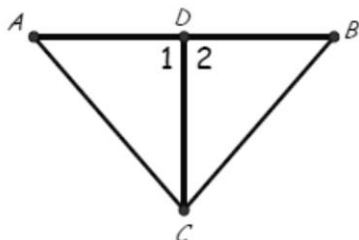
1) **Given:** $NA = NR$, NY is a medianProve: NY bisects $\angle RNA$ 2) **Given:** PC & HR bisect each otherProve: $PH \parallel CR$

3) Given: $XQ \parallel TR$, XR bisects \overline{QT}



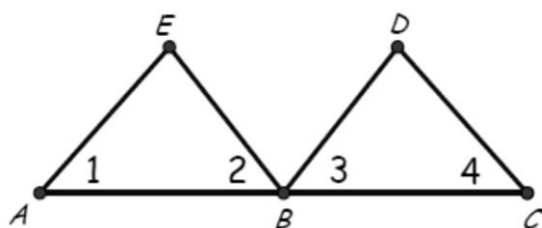
Prove: QT bisects \overline{XR}

4) Given: D is the midpoint of \overline{AB}
 $\overline{AC} \cong \overline{BC}$



Prove: DC bisects $\angle ADB$

5) Given: B is the midpoint of \overline{AC}
 $\overline{AE} \cong \overline{CD}$
 $\overline{BE} \cong \overline{BD}$



Prove: $\angle 1 \cong \angle 4$