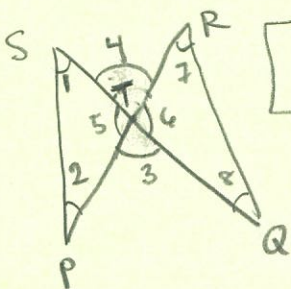
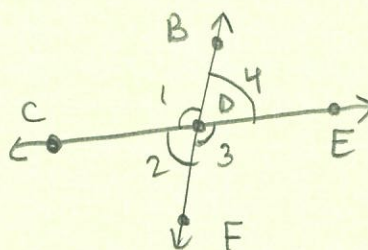


HW SOLUTIONS 8/10

1. FOR EACH FIGURE, LIST ANGLES THAT CAN BE NAMED USING ONLY THE VERTEX LETTER.



$\angle S, \angle R, \angle P, \angle Q$

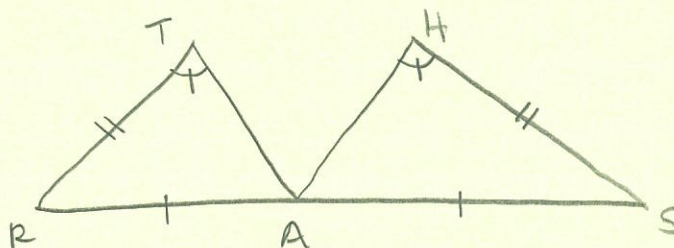


NONE CAN BE NAMED WITH ONLY THE VERTEX LETTER

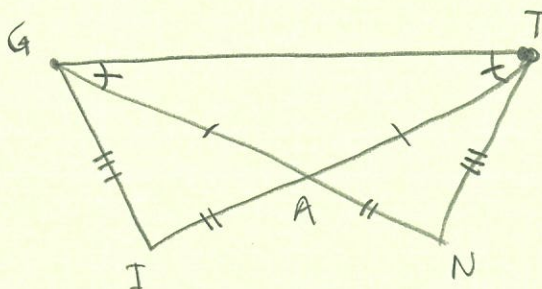
Note that there are 8 angles (labeled) in this figure, but angles #3, 4, 5, and 6 all share a common vertex, so they need 3 letters to be named.

All of the angles in this figure share a common vertex, so they need 3 letters to be named.

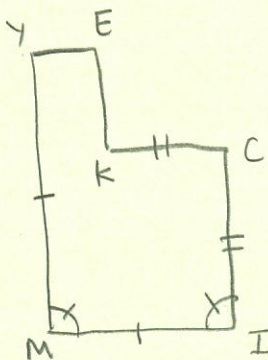
2. $RA = SA$
 $m\angle T = m\angle H$
 $RT = SH$



3. $AT = AG$
 $AI = AN$
 $\angle AGT \cong \angle ATG$
 $GI = TN$



4. $MI = MY$
 $IC = KC$
 $m\angle M = m\angle I$



5. $\angle MEO \cong \angle SEU$
 $\angle SUE \cong \angle EUO$
 $\overline{OU} \cong \overline{MO}$

