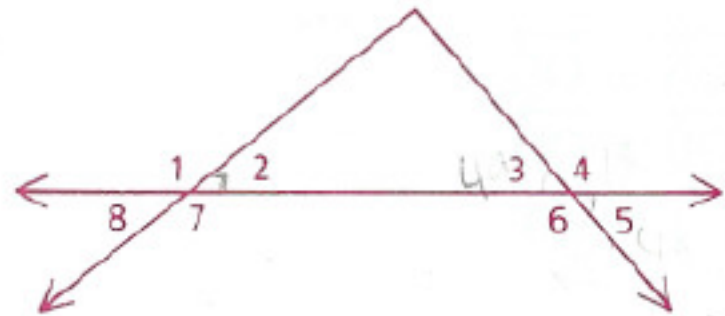


Homework

HW: p. 79-80: 1, 2, 4, 5, 12, 19

- 1 Given: $\angle 2$ is comp. to $\angle 3$.
 $\angle 4 = 131^\circ$



Find the measure of each of the following angles.

- | | | | |
|--------------|--------------|--------------|--------------|
| a $\angle 3$ | c $\angle 5$ | e $\angle 1$ | g $\angle 7$ |
| b $\angle 6$ | d $\angle 2$ | f $\angle 8$ | |

- 2 Given: $\angle 1$ is supp. to $\angle 3$.
 $\angle 2$ is supp. to $\angle 3$.

Prove: $\angle 1 \cong \angle 2$



- 4 One of two supplementary angles is four times the other. Find the larger angle.
- 5 One of two complementary angles is 20° larger than the other. Find the measure of each.

12 The measure of the supp. of an \angle exceeds 3 times the measure of the comp. of the \angle by 10. Find the measure of the comp.

19 Given: $\angle PQR$ supp. $\angle QRS$, $\angle QRS$ supp. $\angle TWX$,
 $\angle PQR = (5x - 48)^\circ$, $\angle TWX = (2x + 30)^\circ$

Find: $m\angle QRS$