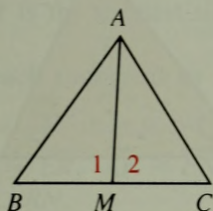


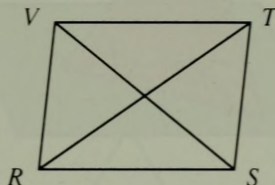
# Written Exercises

What can you deduce? Name the theorem that supports your answer.

- A 1. Given:  $\overline{AM}$  is a median of  $\triangle ABC$ ;  
 $AB > AC$

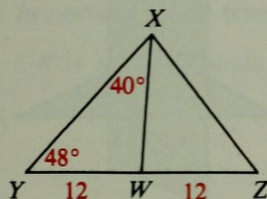


2. Given:  $\square RSTV$ ;  
 $m\angle TSR > m\angle VRS$

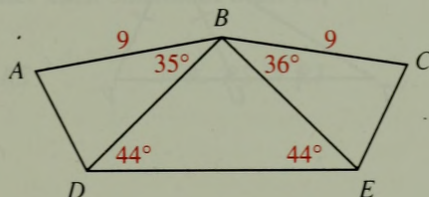


Complete the statements by writing  $<$ ,  $=$ , or  $>$ .

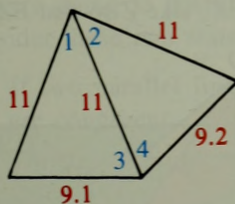
3.  $XY \underline{\quad ? \quad} XZ$ ;  
 $XW \underline{\quad ? \quad} 12$



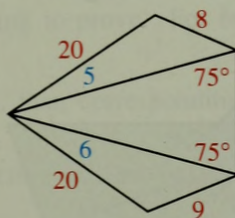
4.  $AD \underline{\quad ? \quad} CE$



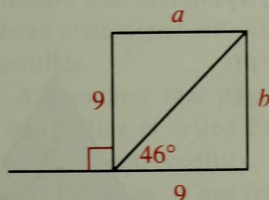
5.  $m\angle 1 \underline{\quad ? \quad} m\angle 2$ ;  
 $m\angle 3 \underline{\quad ? \quad} m\angle 4$



6.  $m\angle 5 \underline{\quad ? \quad} m\angle 6$



7.  $a \underline{\quad ? \quad} b$



8.  $c \underline{\quad ? \quad} 10$

