

Determine if it is possible to draw a triangle with the given side lengths. Write "yes" or "no."

13) 5, 6, 9

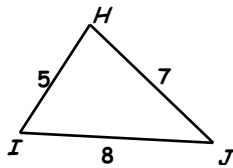
14) 3, 4, 5

15) 3, 4, 8

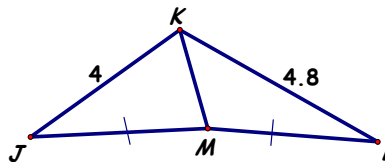
16) Find the range for the measures of the third side of the triangle given the measures of two sides are 5 ft and 7 ft. _____

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

17) $m\angle JIH$ _____ $m\angle IHJ$



18) $m\angle MKL$ _____ $m\angle KMN$

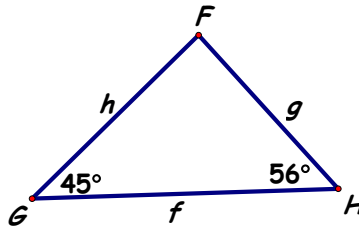


17) _____

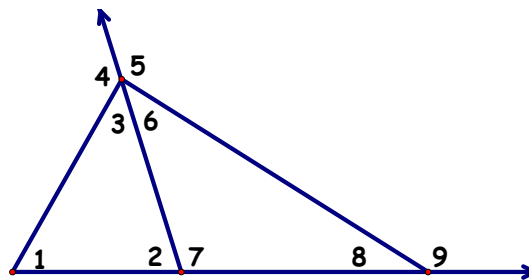
18) _____

19) List the sides of $\triangle FGH$ in order from shortest to longest.

19) _____



20) Use the Exterior Angle Inequality Theorem to list all angles that measure less than $m\angle 9$.



20) _____