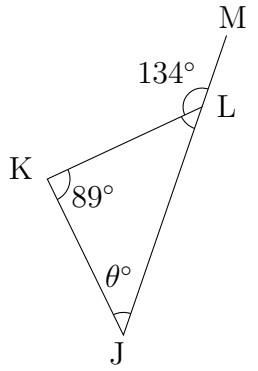
Name: _____ **Date:** _____

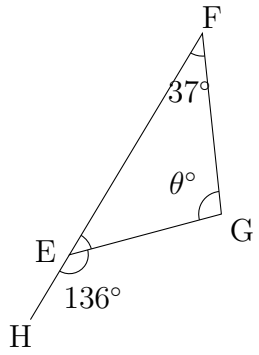
Angles in a Triangle: Questions

(1)



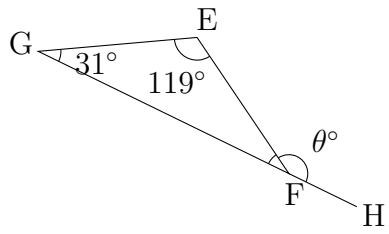
$\angle J = \angle\ldots\ldots - \angle\ldots\ldots$
$= \ldots\ldots^\circ - \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(2)



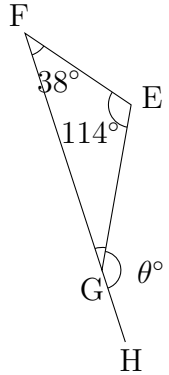
$\angle G = \angle\ldots\ldots - \angle\ldots\ldots$
$= \ldots\ldots^\circ - \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(3)



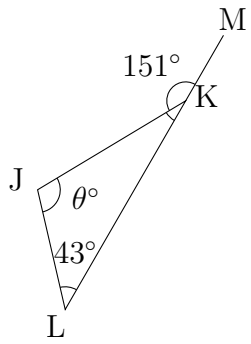
$\angle HFE = \angle\ldots\ldots + \angle\ldots\ldots$
$= \ldots\ldots^\circ + \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(4)



$\angle HGE = \angle\ldots\ldots + \angle\ldots\ldots$
$= \ldots\ldots^\circ + \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(5)

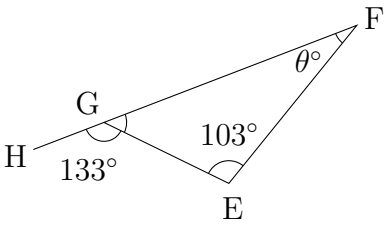


$\angle J = \angle\ldots\ldots - \angle\ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(6)

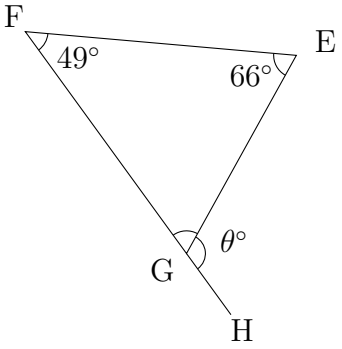


$\angle F = \angle\ldots\ldots - \angle\ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(7)

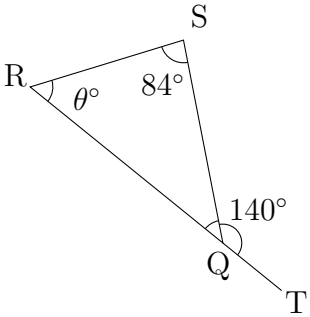


$\angle HGE = \angle\ldots\ldots + \angle\ldots\ldots$

$= \ldots\ldots^\circ + \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(8)

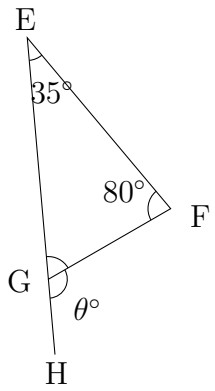


$\angle R = \angle\ldots\ldots - \angle\ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(9)

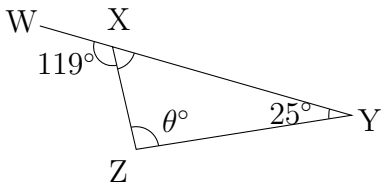


$\angle \text{HGF} = \angle \ldots\ldots + \angle \ldots\ldots$

$= \ldots\ldots^\circ + \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(10)

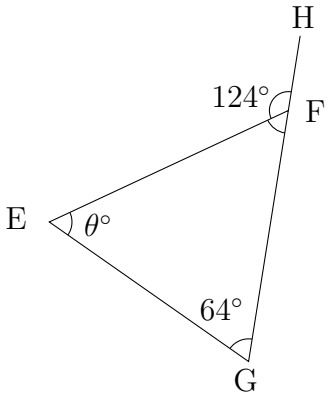


$\angle \text{Z} = \angle \ldots\ldots - \angle \ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(11)

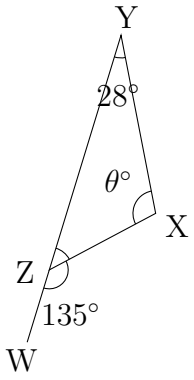


$\angle \text{E} = \angle \ldots\ldots - \angle \ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(12)

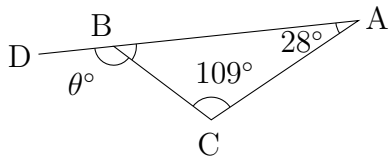


$\angle \text{X} = \angle \ldots\ldots - \angle \ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

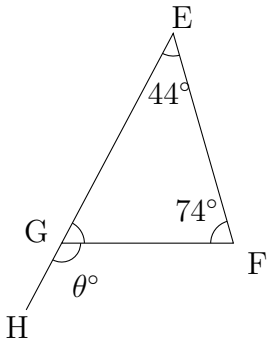
$= \ldots\ldots^\circ$

(13)



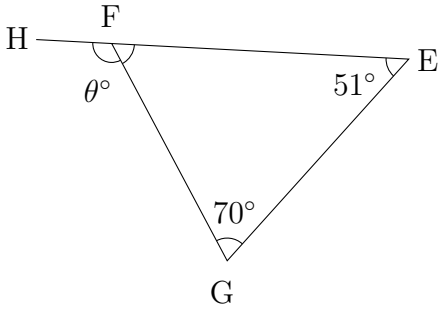
$\angle DBC = \angle\ldots\ldots + \angle\ldots\ldots$
$= \ldots\ldots^\circ + \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(14)



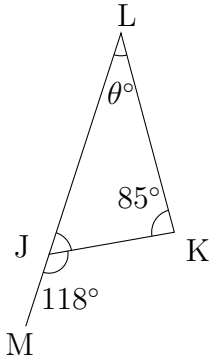
$\angle HGF = \angle\ldots\ldots + \angle\ldots\ldots$
$= \ldots\ldots^\circ + \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(15)



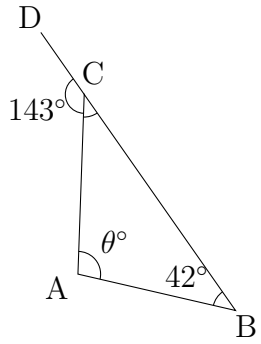
$\angle HFG = \angle\ldots\ldots + \angle\ldots\ldots$
$= \ldots\ldots^\circ + \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(16)



$\angle L = \angle\ldots\ldots - \angle\ldots\ldots$
$= \ldots\ldots^\circ - \ldots\ldots^\circ$
$= \ldots\ldots^\circ$

(17)

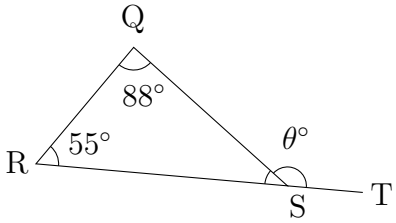


$\angle A = \angle\ldots\ldots - \angle\ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(18)

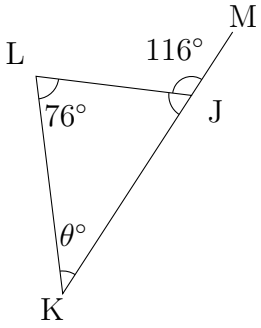


$\angle TSQ = \angle\ldots\ldots + \angle\ldots\ldots$

$= \ldots\ldots^\circ + \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(19)

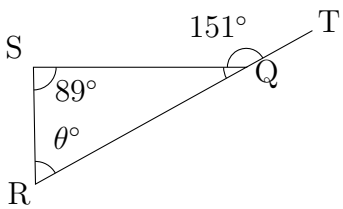


$\angle K = \angle\ldots\ldots - \angle\ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$

(20)



$\angle R = \angle\ldots\ldots - \angle\ldots\ldots$

$= \ldots\ldots^\circ - \ldots\ldots^\circ$

$= \ldots\ldots^\circ$