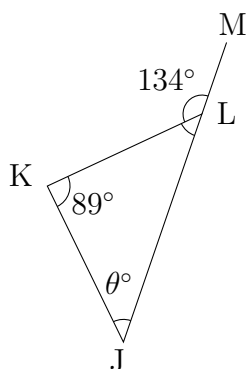


Name: \_\_\_\_\_

Date: \_\_\_\_\_

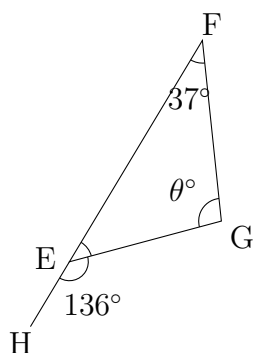
Angles in a Triangle: Questions

(1)



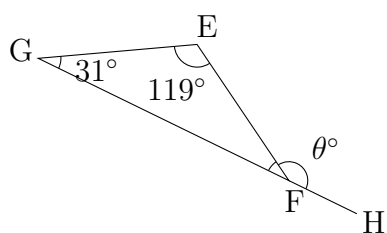
$$\begin{aligned}\angle J &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(2)



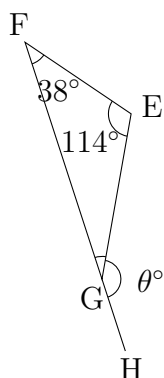
$$\begin{aligned}\angle G &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(3)



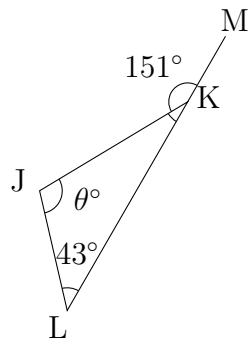
$$\begin{aligned}\angle HFE &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(4)



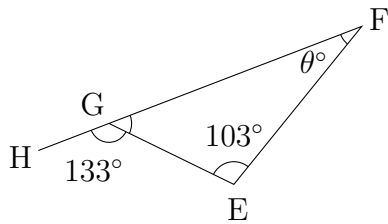
$$\begin{aligned}\angle HGE &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(5)



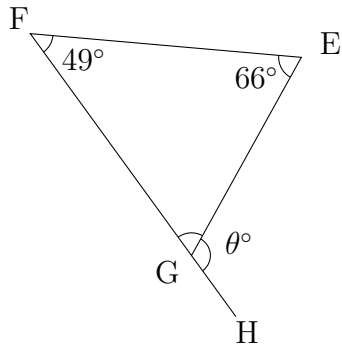
$$\begin{aligned}\angle J &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(6)



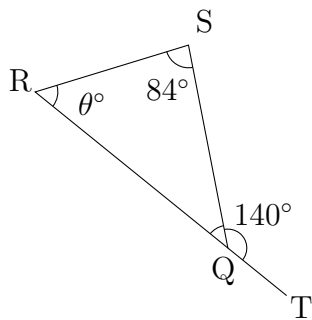
$$\begin{aligned}\angle F &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(7)



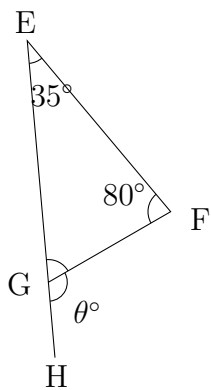
$$\begin{aligned}\angle HGE &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(8)



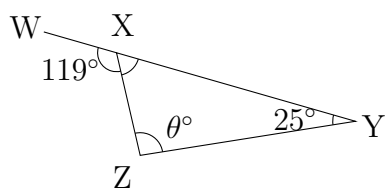
$$\begin{aligned}\angle R &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(9)



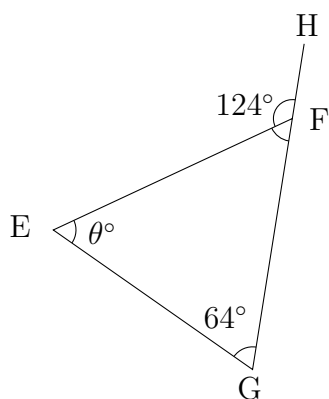
$$\begin{aligned}\angle HGF &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(10)



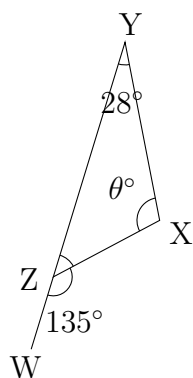
$$\begin{aligned}\angle Z &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(11)



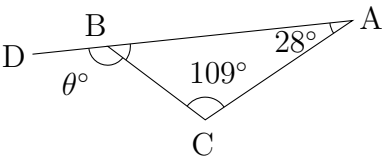
$$\begin{aligned}\angle E &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(12)



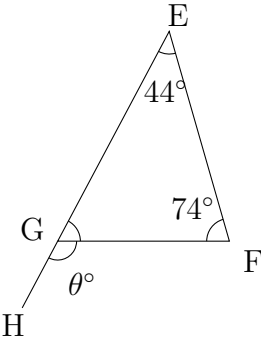
$$\begin{aligned}\angle X &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(13)



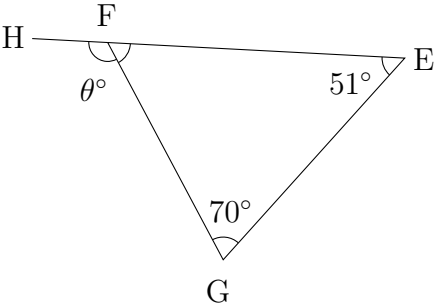
$$\begin{aligned}\angle DBC &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(14)



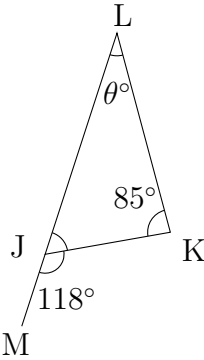
$$\begin{aligned}\angle HGF &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(15)



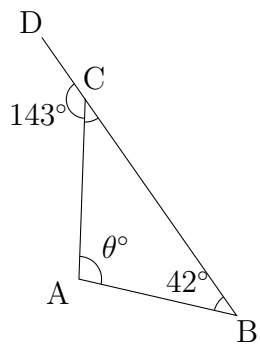
$$\begin{aligned}\angle HFG &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(16)



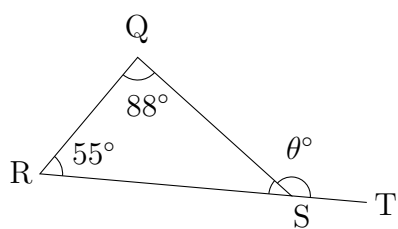
$$\begin{aligned}\angle L &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(17)



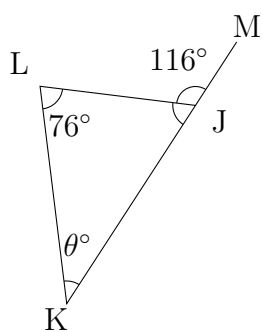
$$\begin{aligned}\angle A &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(18)



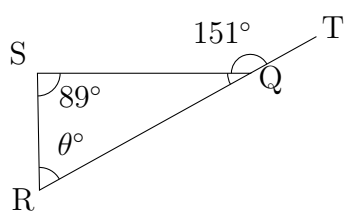
$$\begin{aligned}\angle TSQ &= \angle \dots\dots\dots + \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ + \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(19)



$$\begin{aligned}\angle K &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$

(20)



$$\begin{aligned}\angle R &= \angle \dots\dots\dots - \angle \dots\dots\dots \\ &= \dots\dots\dots^\circ - \dots\dots\dots^\circ \\ &= \dots\dots\dots^\circ\end{aligned}$$