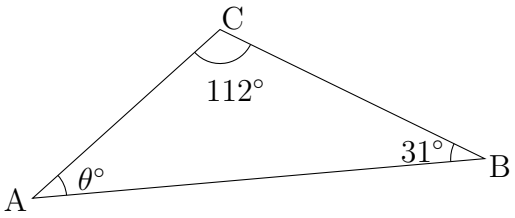
Name: _____ **Date:** _____

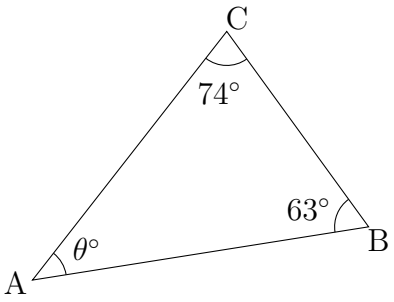
Angles in a Triangle: Questions

(1)



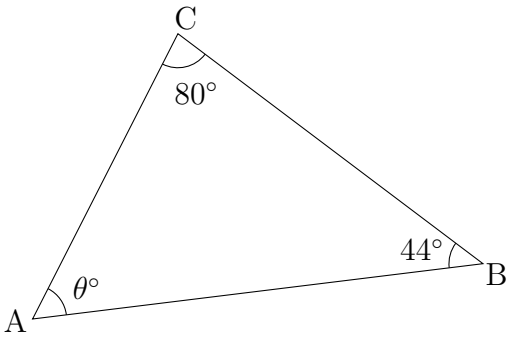
$$\begin{aligned}\angle A &= 180^\circ - (\angle B + \angle C)\\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ)\\ &= 180^\circ - \ldots\ldots^\circ\\ &= \ldots\ldots^\circ\end{aligned}$$

(2)



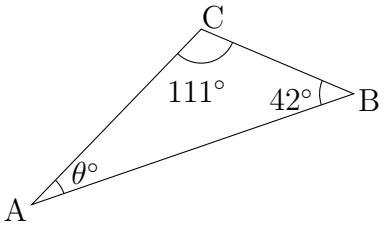
$$\begin{aligned}\angle A &= 180^\circ - (\angle B + \angle C)\\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ)\\ &= 180^\circ - \ldots\ldots^\circ\\ &= \ldots\ldots^\circ\end{aligned}$$

(3)



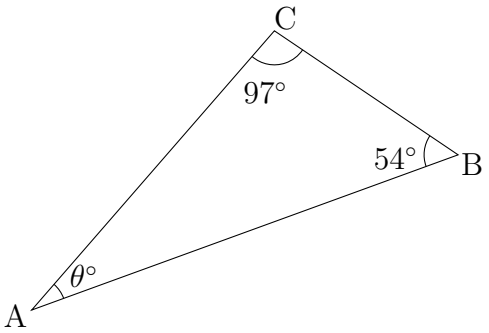
$$\begin{aligned}\angle A &= 180^\circ - (\angle B + \angle C)\\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ)\\ &= 180^\circ - \ldots\ldots^\circ\\ &= \ldots\ldots^\circ\end{aligned}$$

(4)



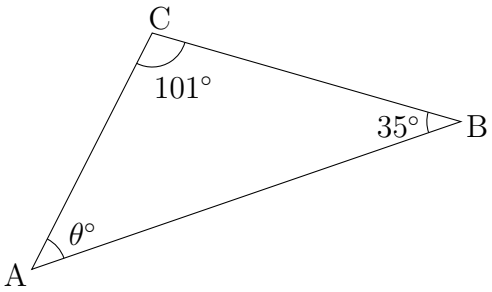
$$\begin{aligned}\angle A &= 180^\circ - (\angle B + \angle C)\\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ)\\ &= 180^\circ - \ldots\ldots^\circ\\ &= \ldots\ldots^\circ\end{aligned}$$

(5)



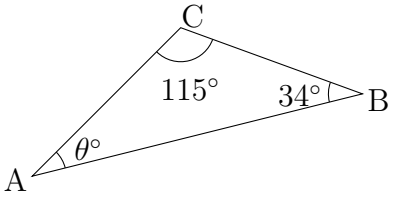
$$\begin{aligned}\angle A &= 180^\circ - (\angle B + \angle C)\\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ)\\ &= 180^\circ - \ldots\ldots^\circ\\ &= \ldots\ldots^\circ\end{aligned}$$

(6)



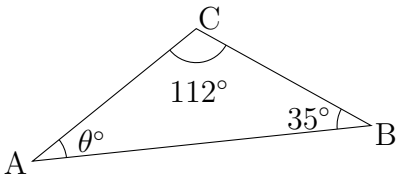
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(7)



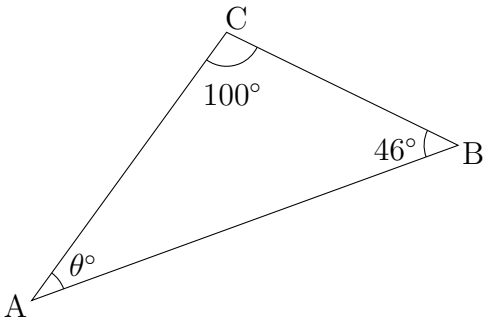
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(8)



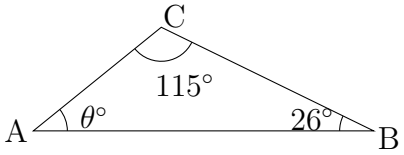
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(9)



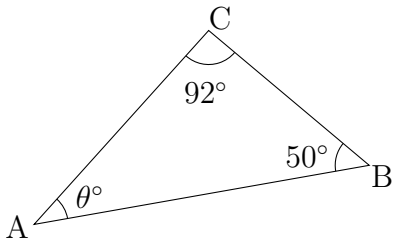
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(10)



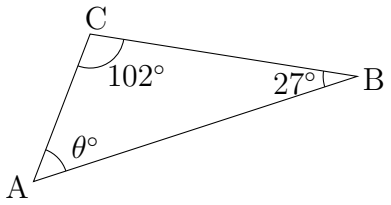
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(11)



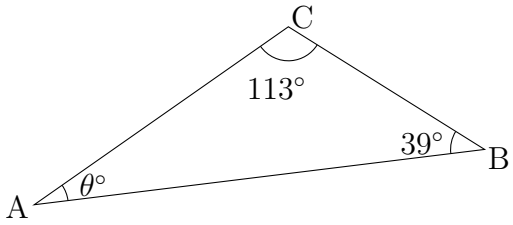
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(12)



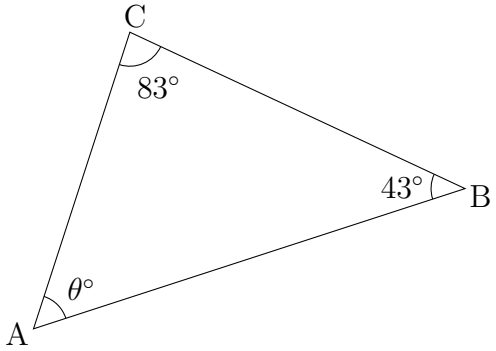
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(13)



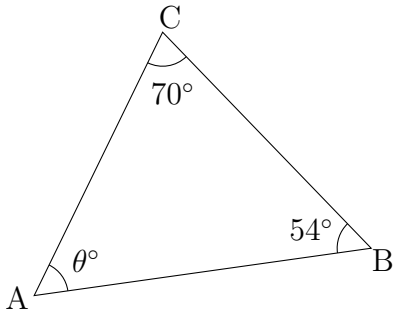
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(14)



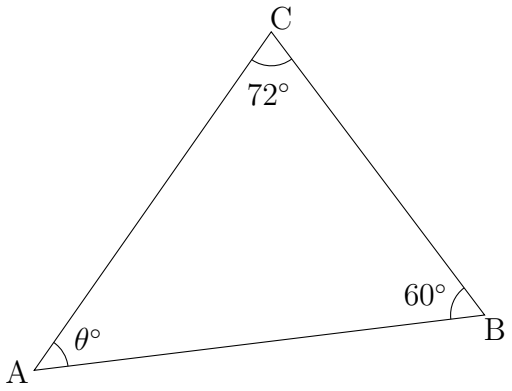
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(15)



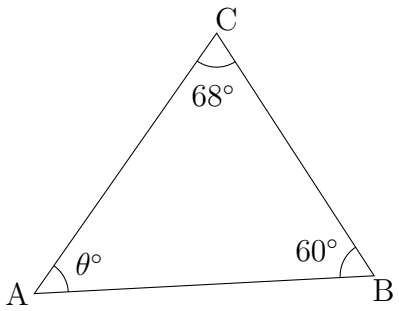
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(16)



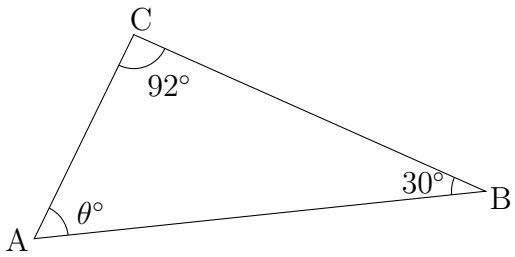
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(17)



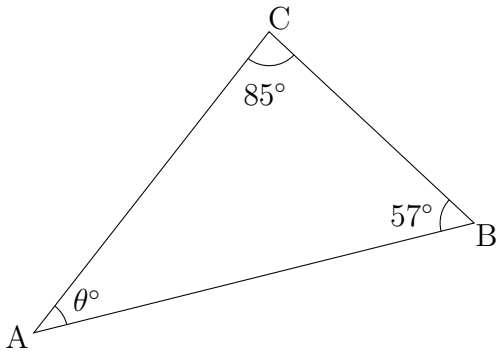
$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(18)



$$\begin{aligned}\angle\mathrm{A} &= 180^\circ - (\angle\mathrm{B} + \angle\mathrm{C}) \\ &= 180^\circ - (\ldots\ldots^\circ + \ldots\ldots^\circ) \\ &= 180^\circ - \ldots\ldots^\circ \\ &= \ldots\ldots^\circ\end{aligned}$$

(19)



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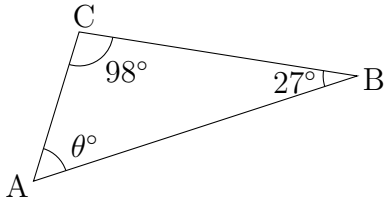
(20)



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