

## 예각삼각형의 넓이 (The Area of Acute Triangle)

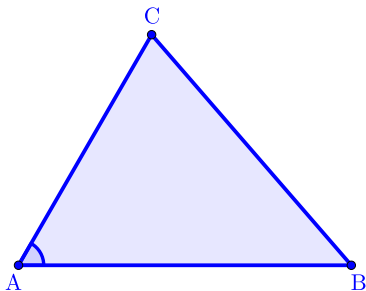
# The Area of Acute Triangle

▶ Start



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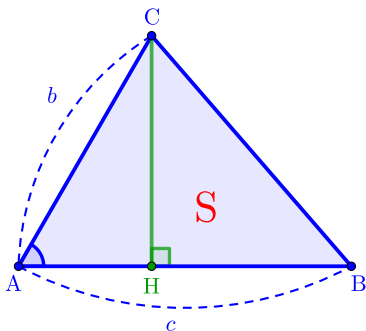






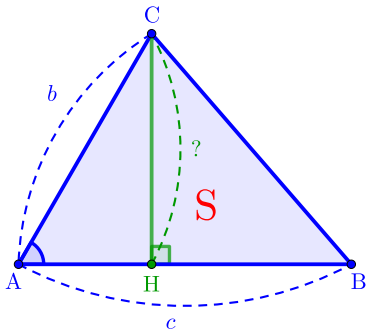
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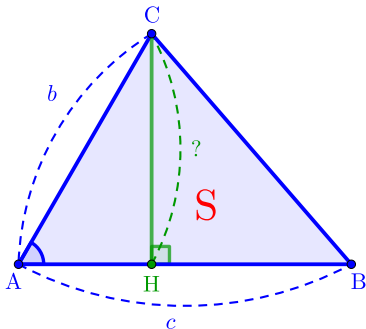




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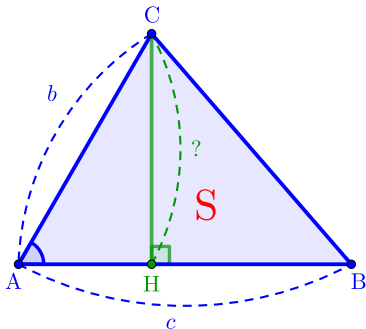
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$$\sin A = \frac{\overline{CH}}{b}$$



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▶ Start

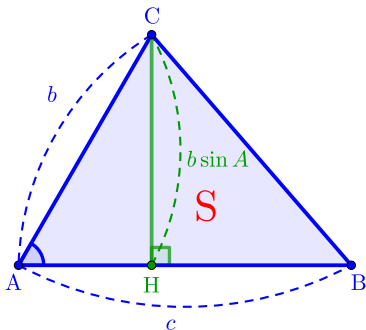


$$\sin A = \frac{\overline{CH}}{b}$$

$$\therefore \overline{CH} = b \sin A$$

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▶ Start

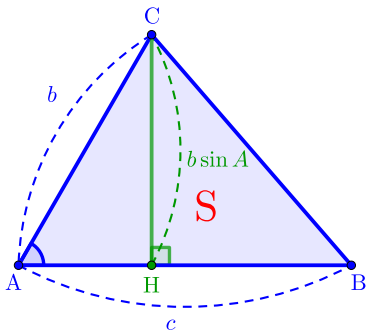


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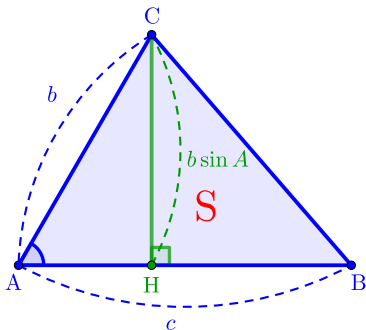
$$\sin A = \frac{\overline{CH}}{b}$$

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$$S = \frac{1}{2} \times c \times b \sin A$$

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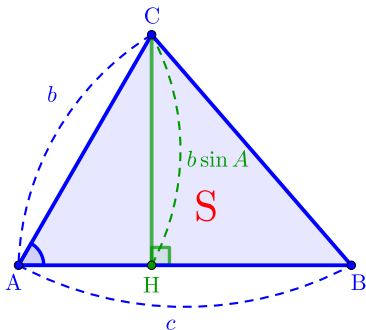
$$\sin A = \frac{\overline{CH}}{b}$$

$$\therefore \overline{CH} = b \sin A$$

$$\begin{aligned} S &= \frac{1}{2} \times c \times b \sin A \\ &= \frac{1}{2} cb \sin A \end{aligned}$$

# The Area of Acute Triangle

▶ Start



$$\sin A = \frac{\overline{CH}}{b}$$

$$\therefore \overline{CH} = b \sin A$$

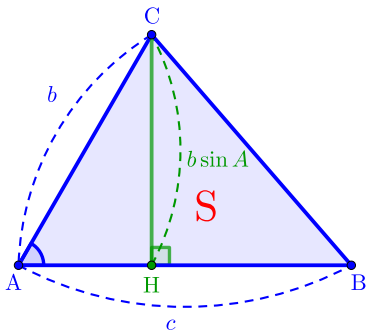
$$S = \frac{1}{2} \times c \times b \sin A$$

$$= \frac{1}{2} bc \sin A$$

$$\therefore S = \frac{1}{2} bc \sin A$$

# The Area of Acute Triangle

▶ Home



$$\sin A = \frac{\overline{CH}}{b}$$

$$\therefore \overline{CH} = b \sin A$$

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$$= \frac{1}{2} bc \sin A$$

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