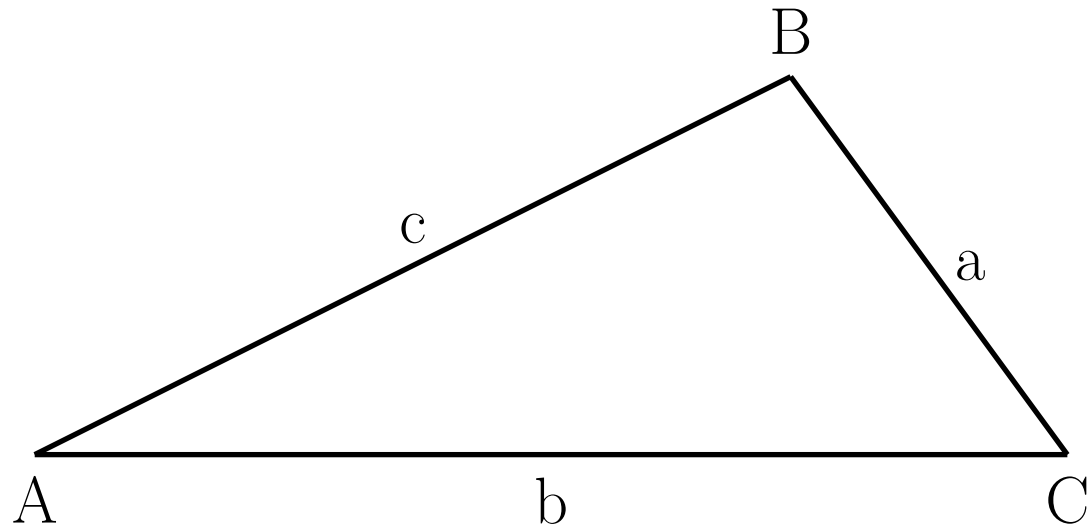
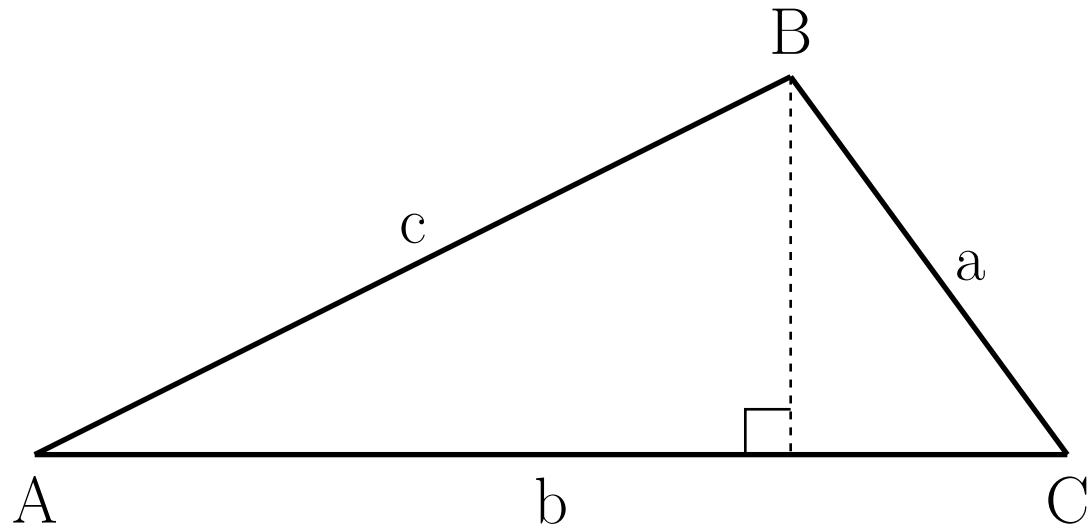


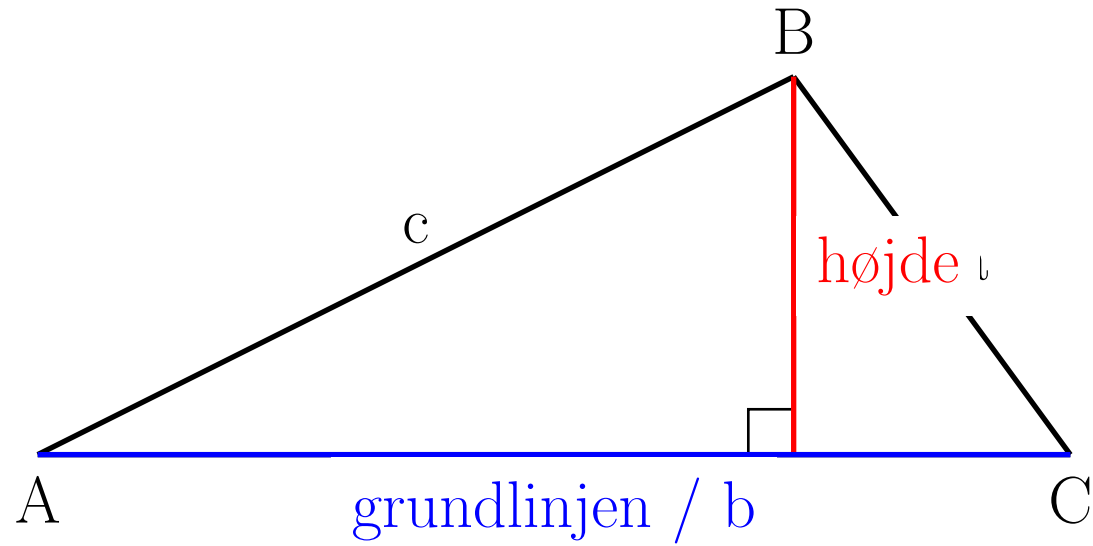
# Areal af trekant



# Areal af trekant

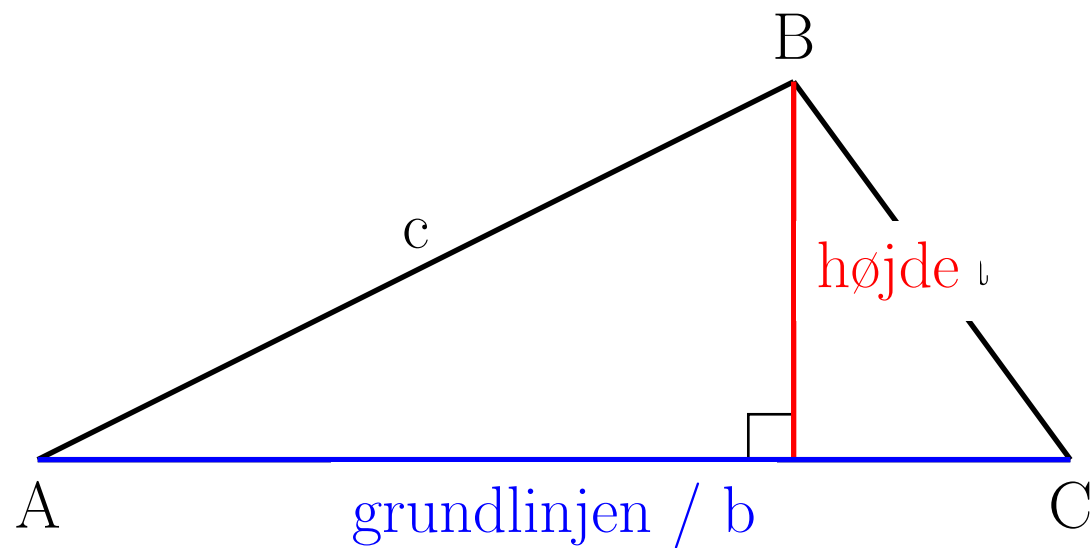


# Areal af trekant



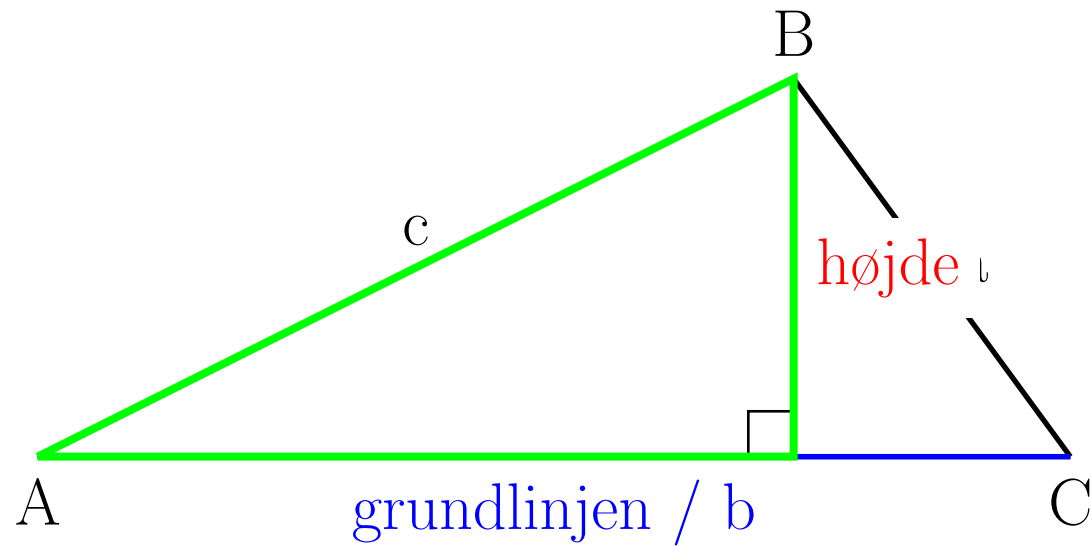
$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$

# Areal af trekant



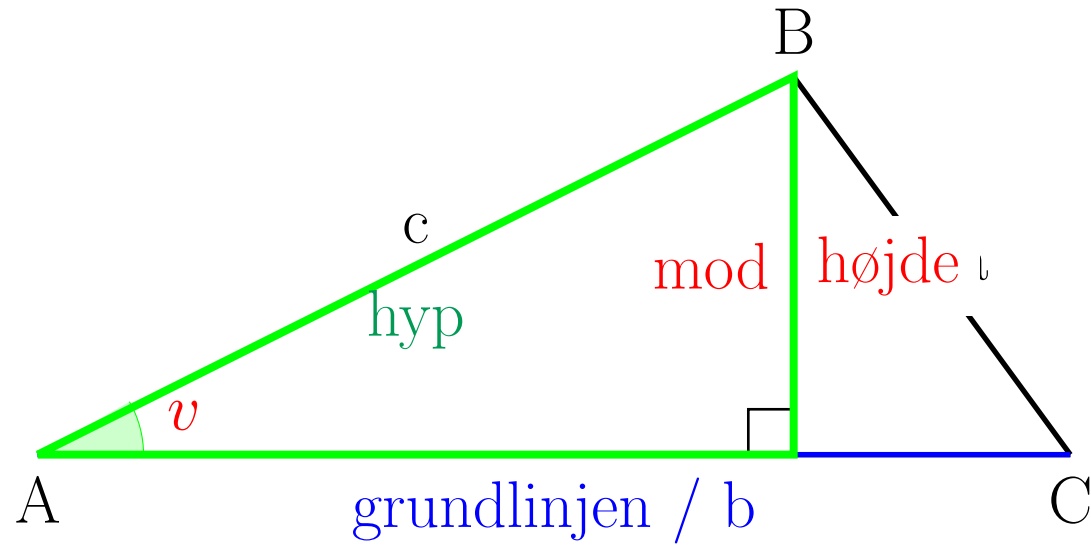
$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$
$$\text{grundlinjen} = b$$

# Areal af trekant



$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$
$$\text{grundlinjen} = b$$

# Areal af trekant

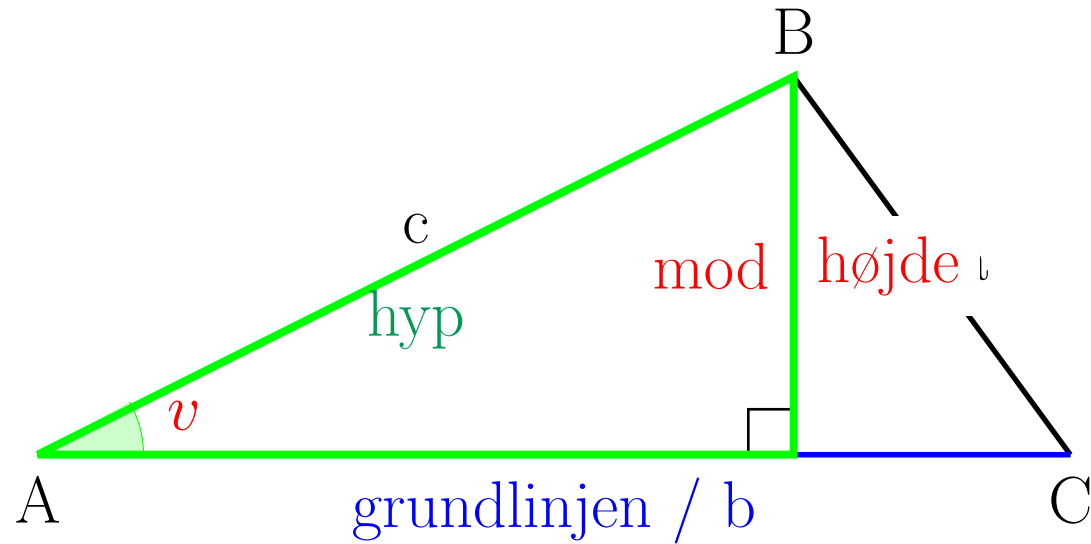


$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$

$$\text{grundlinjen} = b$$

$$\text{mod} = \text{hyp} \cdot \sin v$$

# Areal af trekant

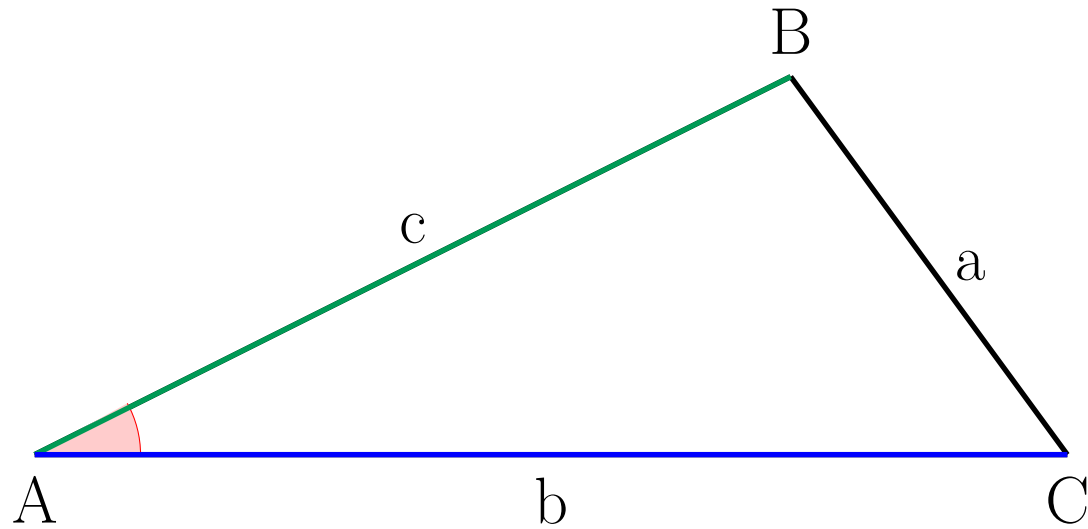


$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$

$$\text{grundlinjen} = b$$

$$\text{mod} = \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A$$

# Areal af trekant



$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$

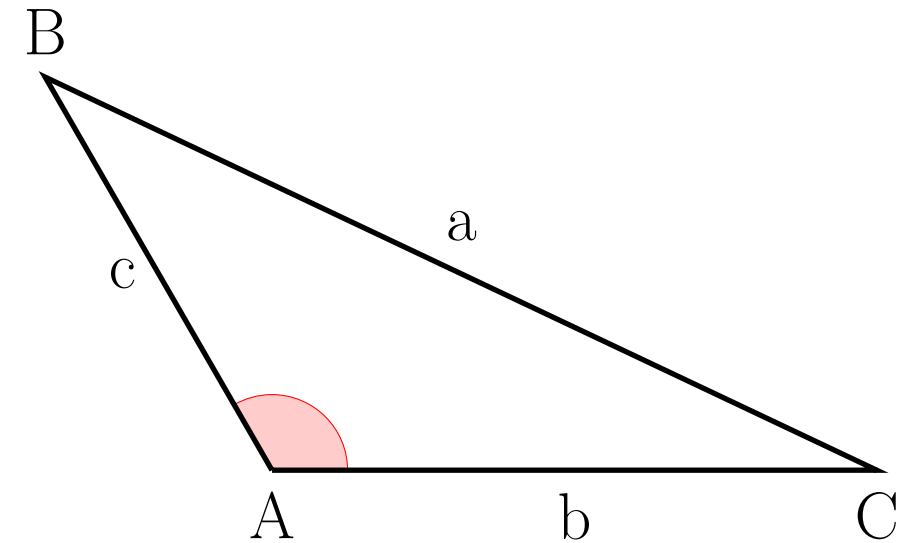
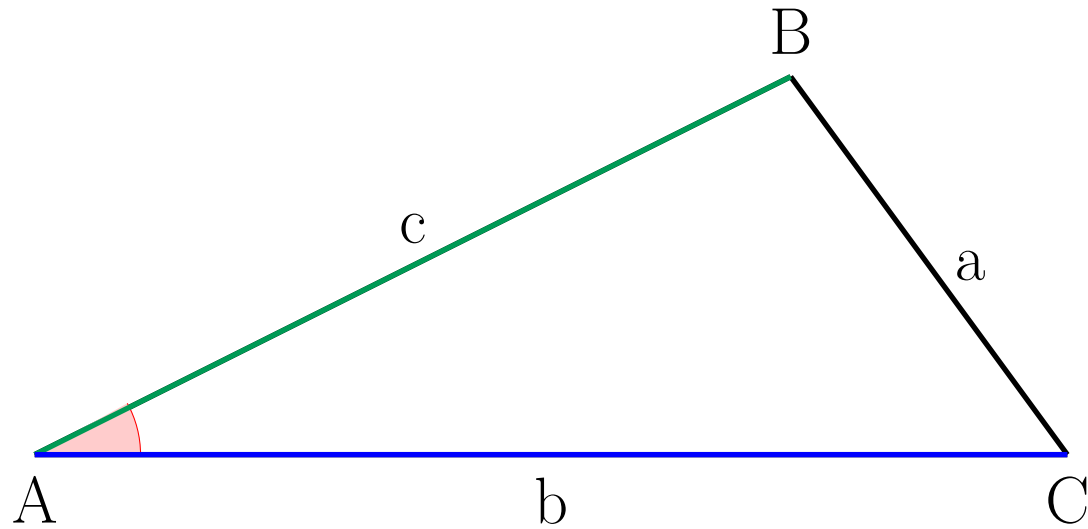
$$\text{grundlinjen} = b$$

$$\text{mod} = \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A$$

$$\text{Arealet} = \frac{1}{2} \cdot c \cdot \sin A \cdot b$$

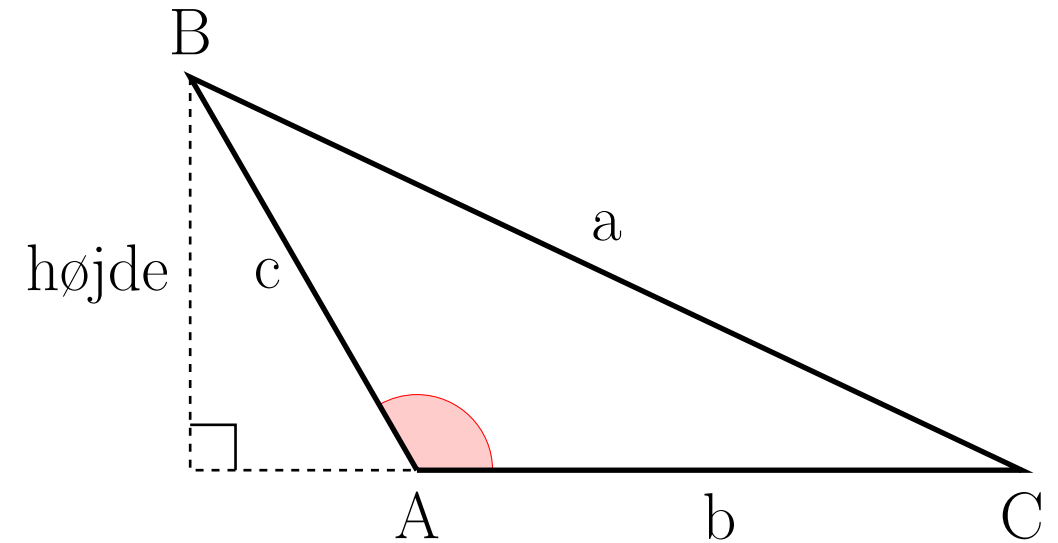
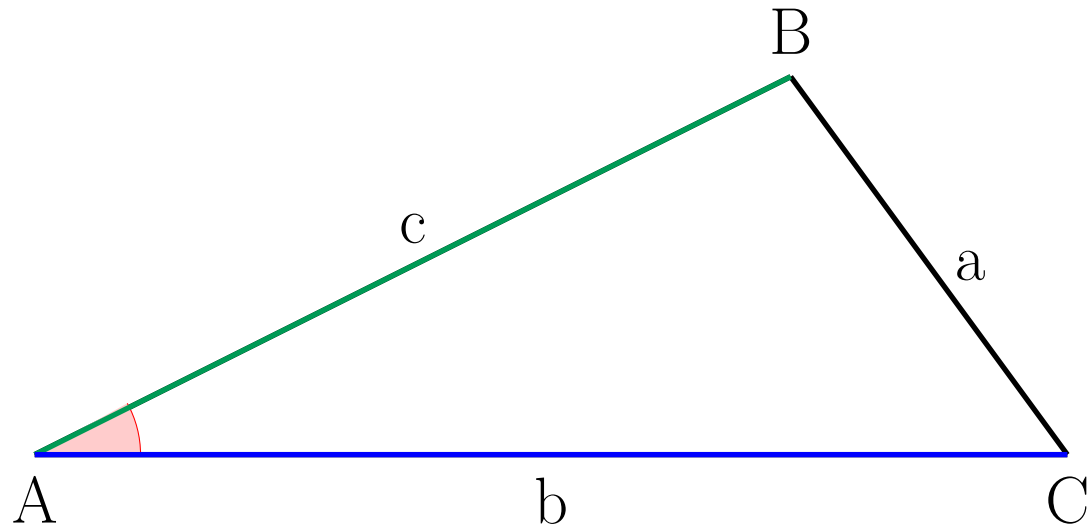


# Areal af trekant



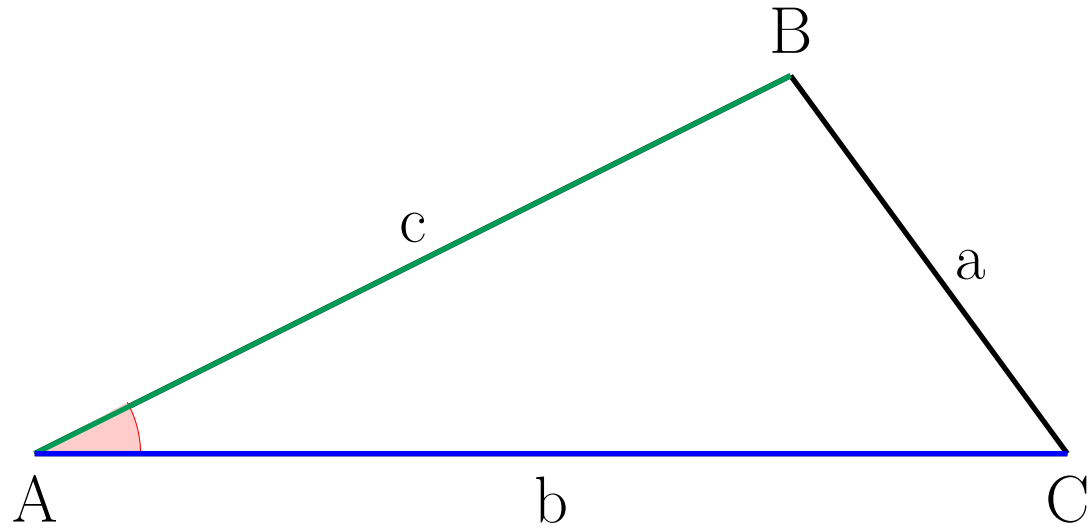
$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$

# Areal af trekant

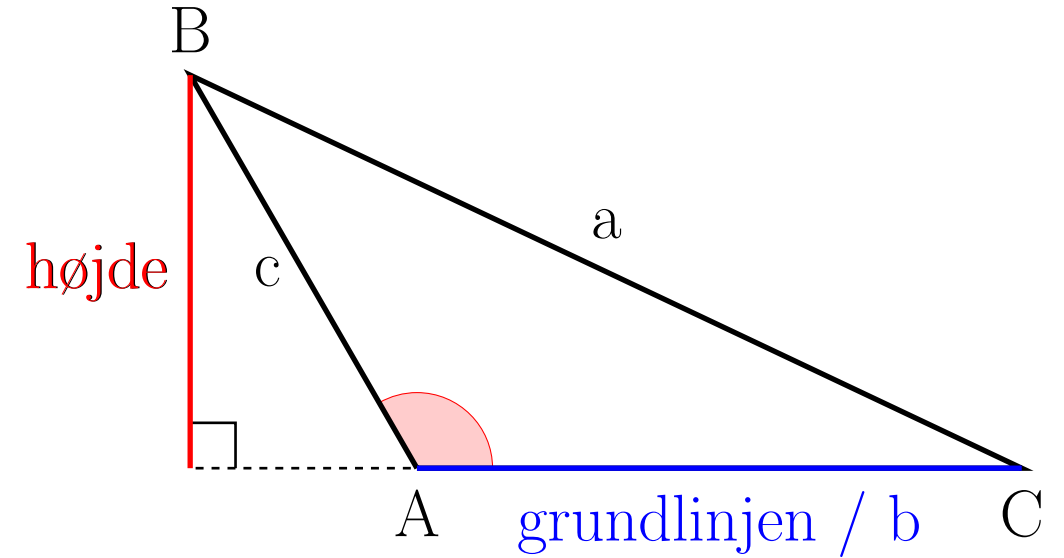


$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$

# Areal af trekant

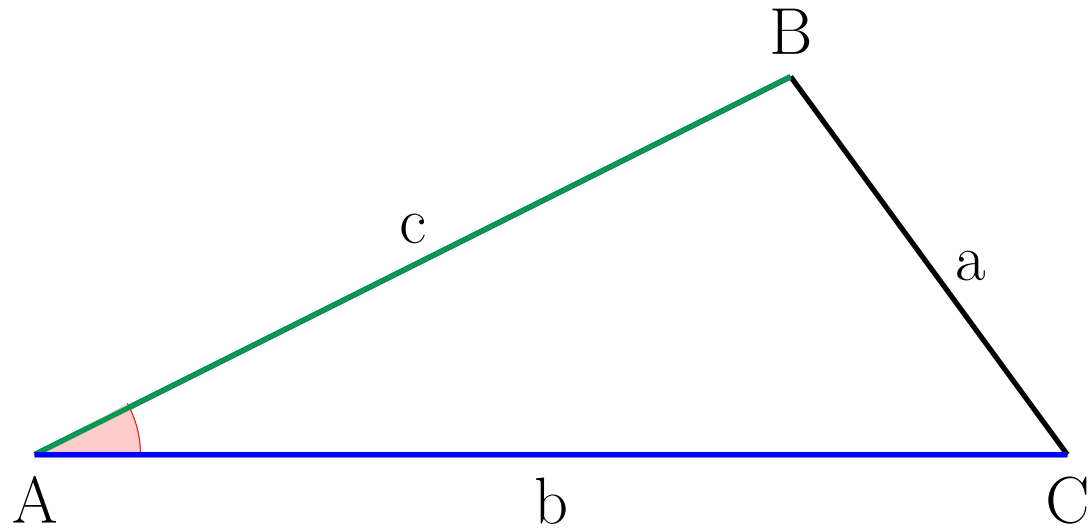


$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$

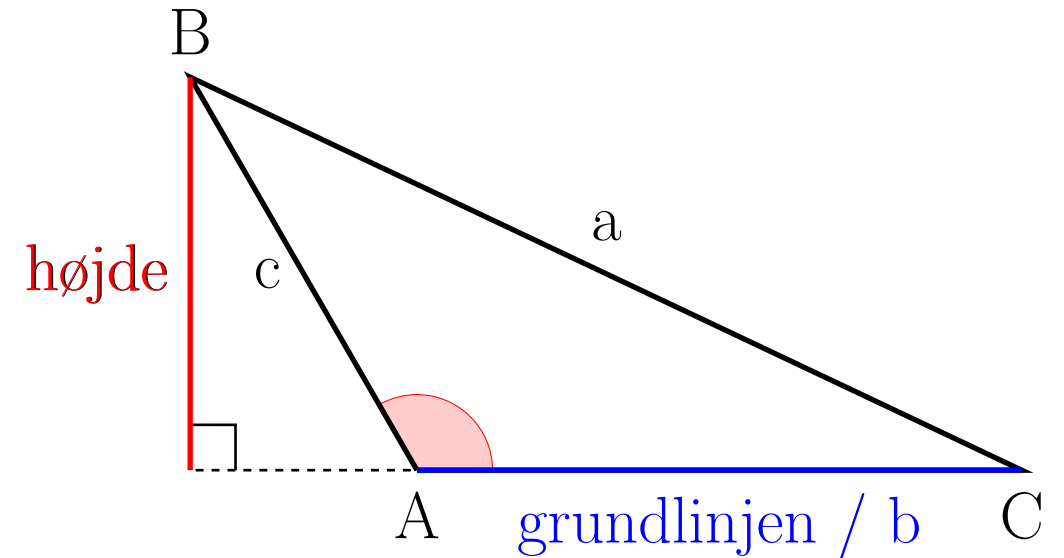


$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$

# Areal af trekant

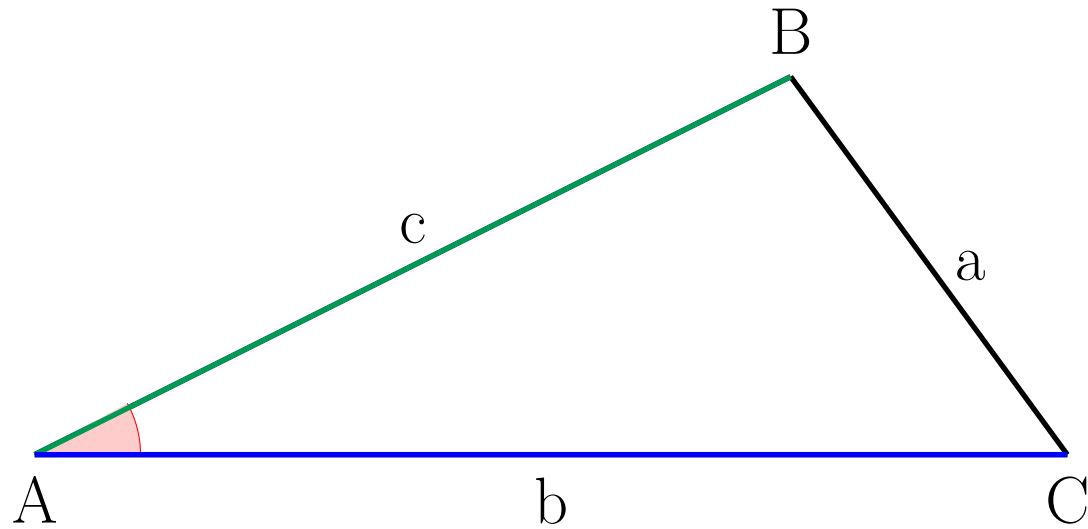


$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$

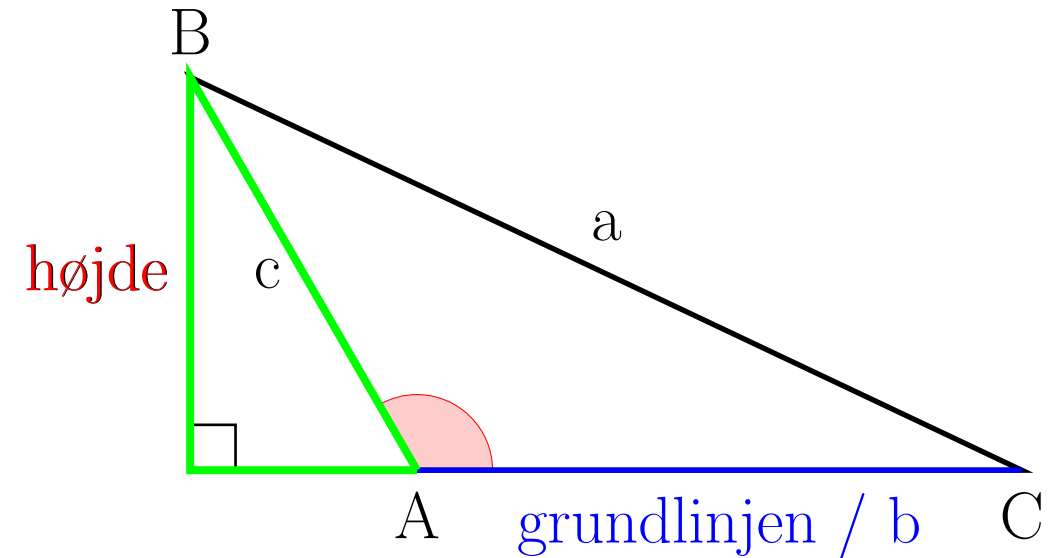


$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b\end{aligned}$$

# Areal af trekant

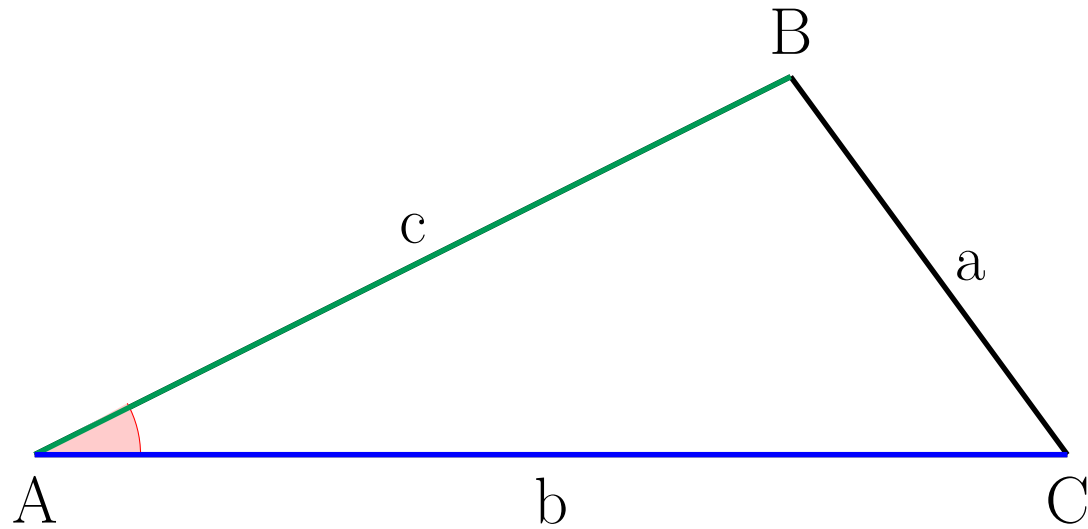


$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$

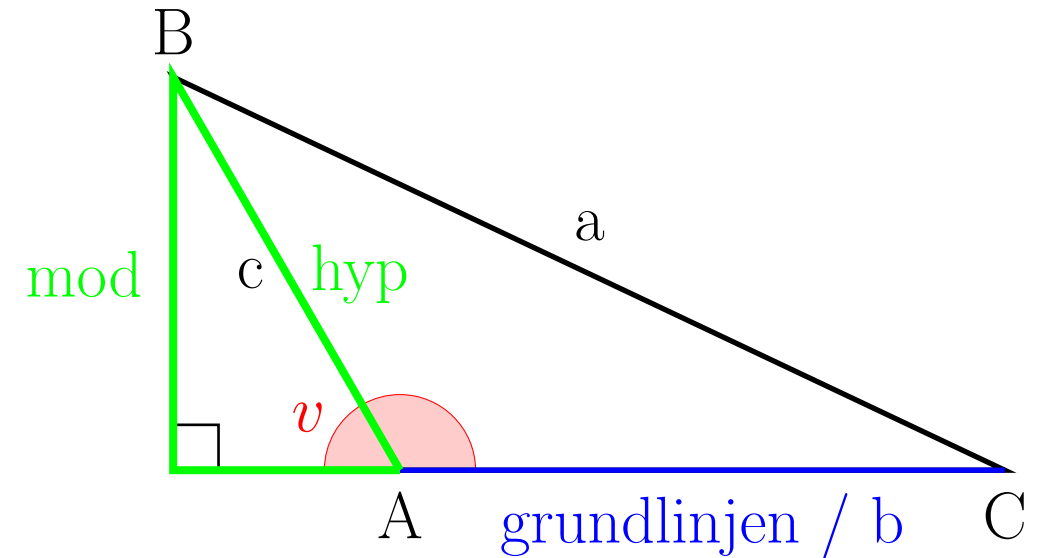


$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b\end{aligned}$$

# Areal af trekant

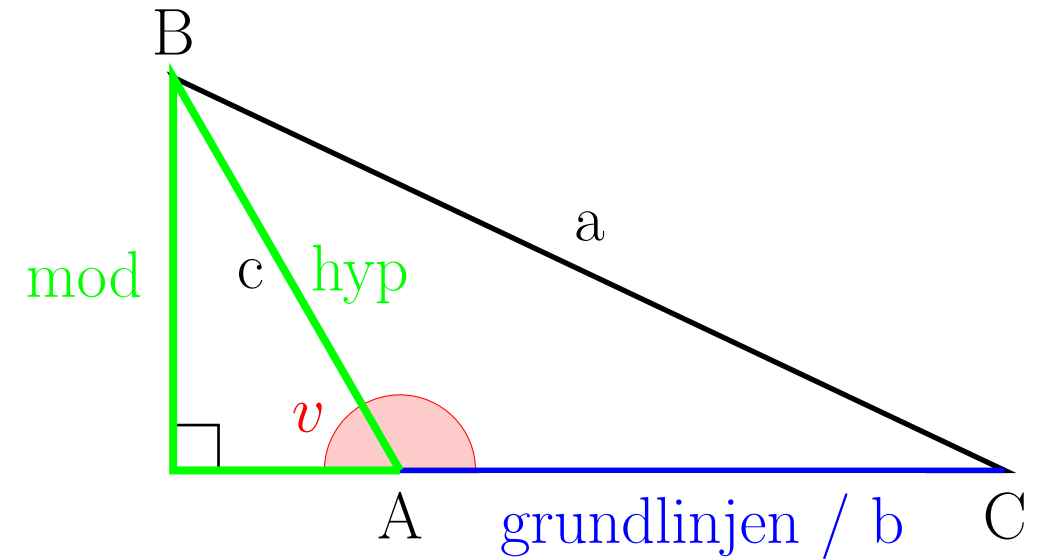
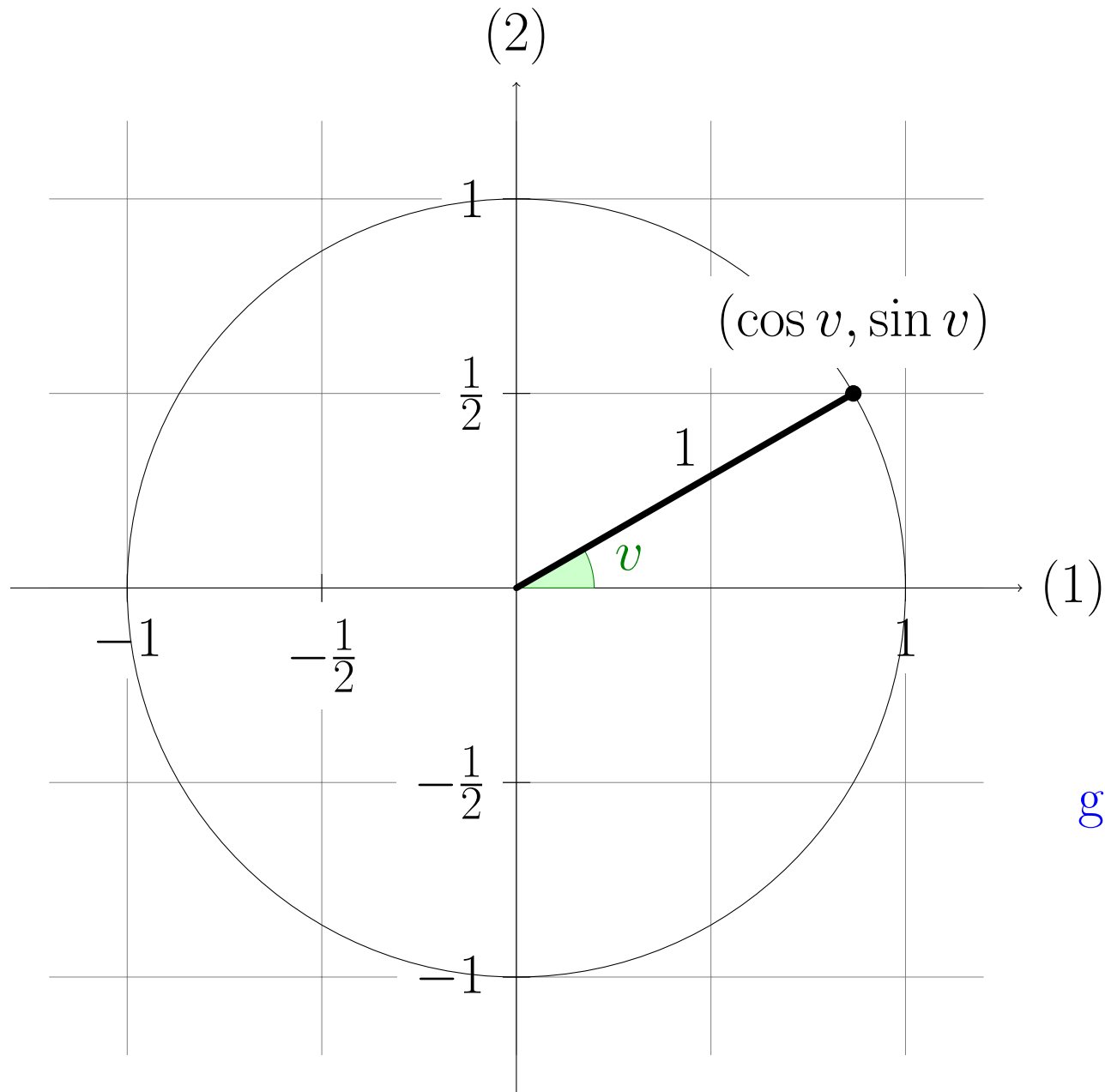


$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$



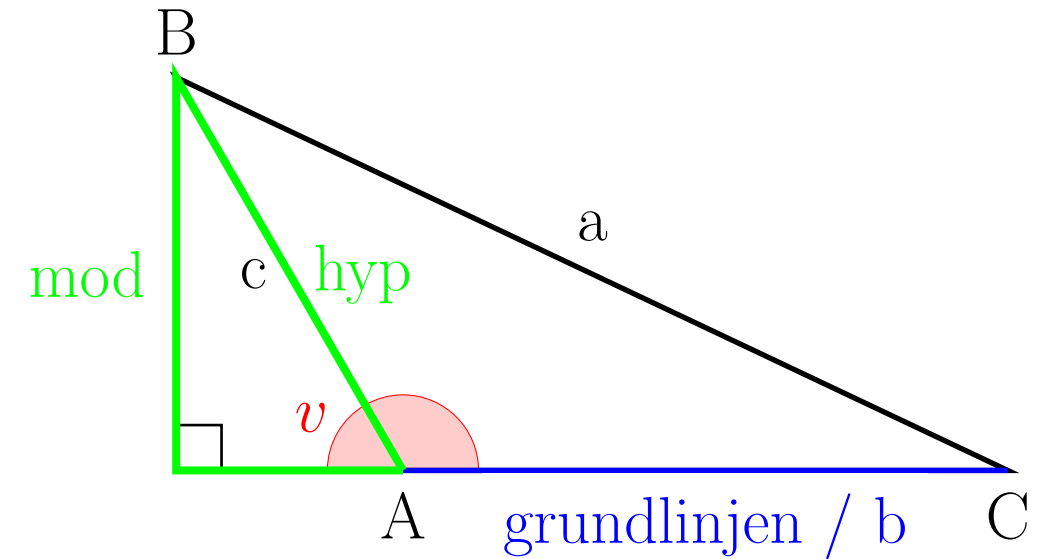
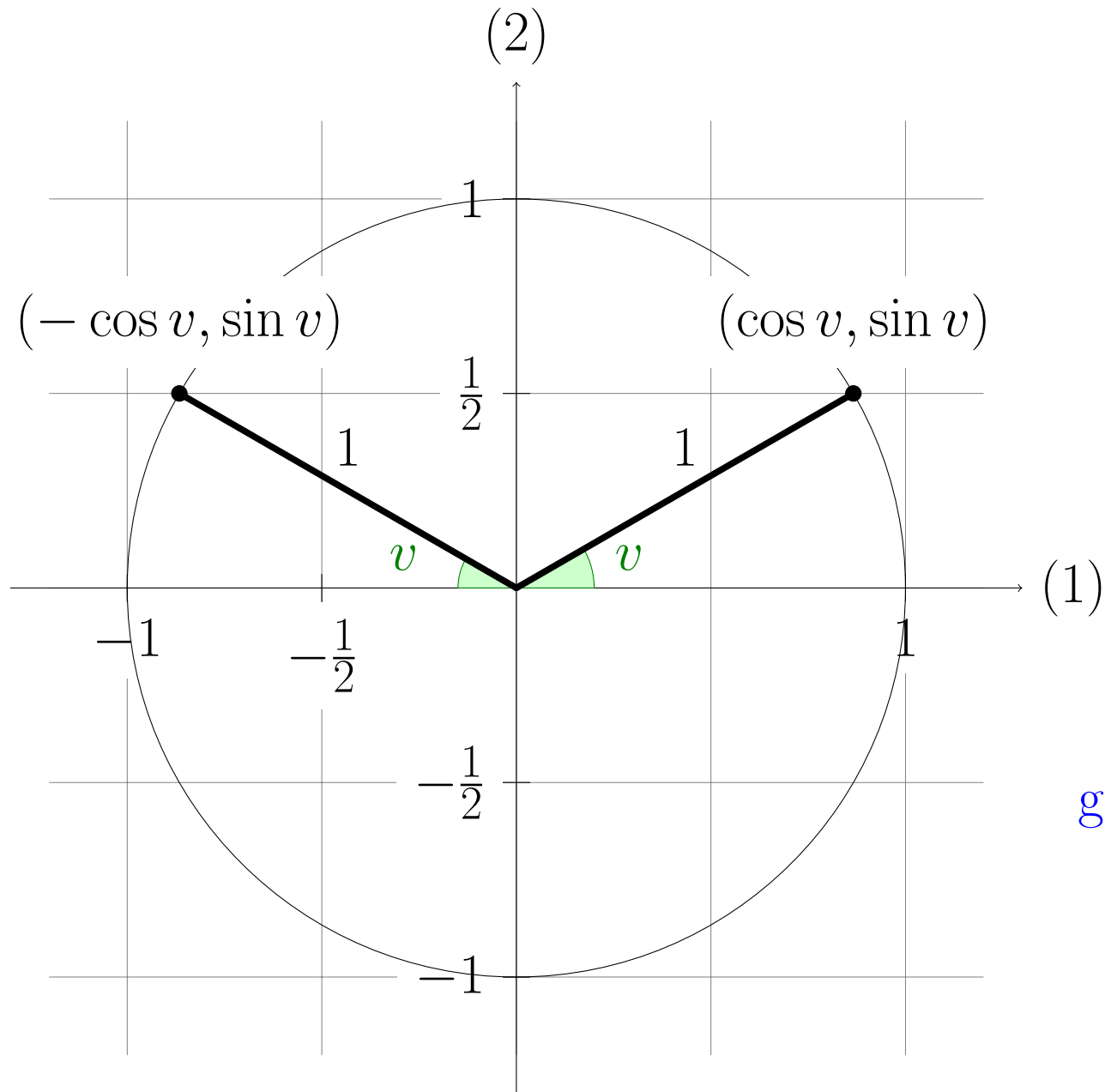
$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v\end{aligned}$$

# Areal af trekant



$$\begin{aligned} \text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin 180 - A \end{aligned}$$

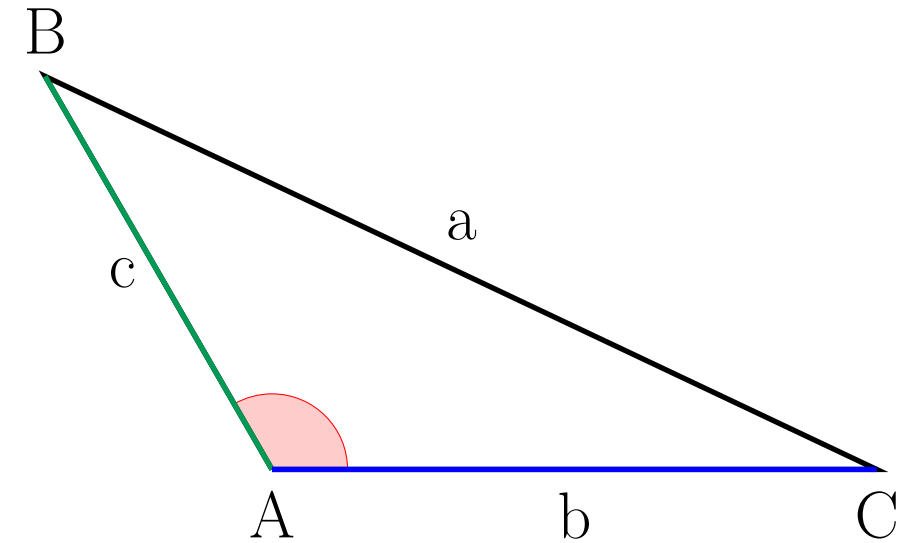
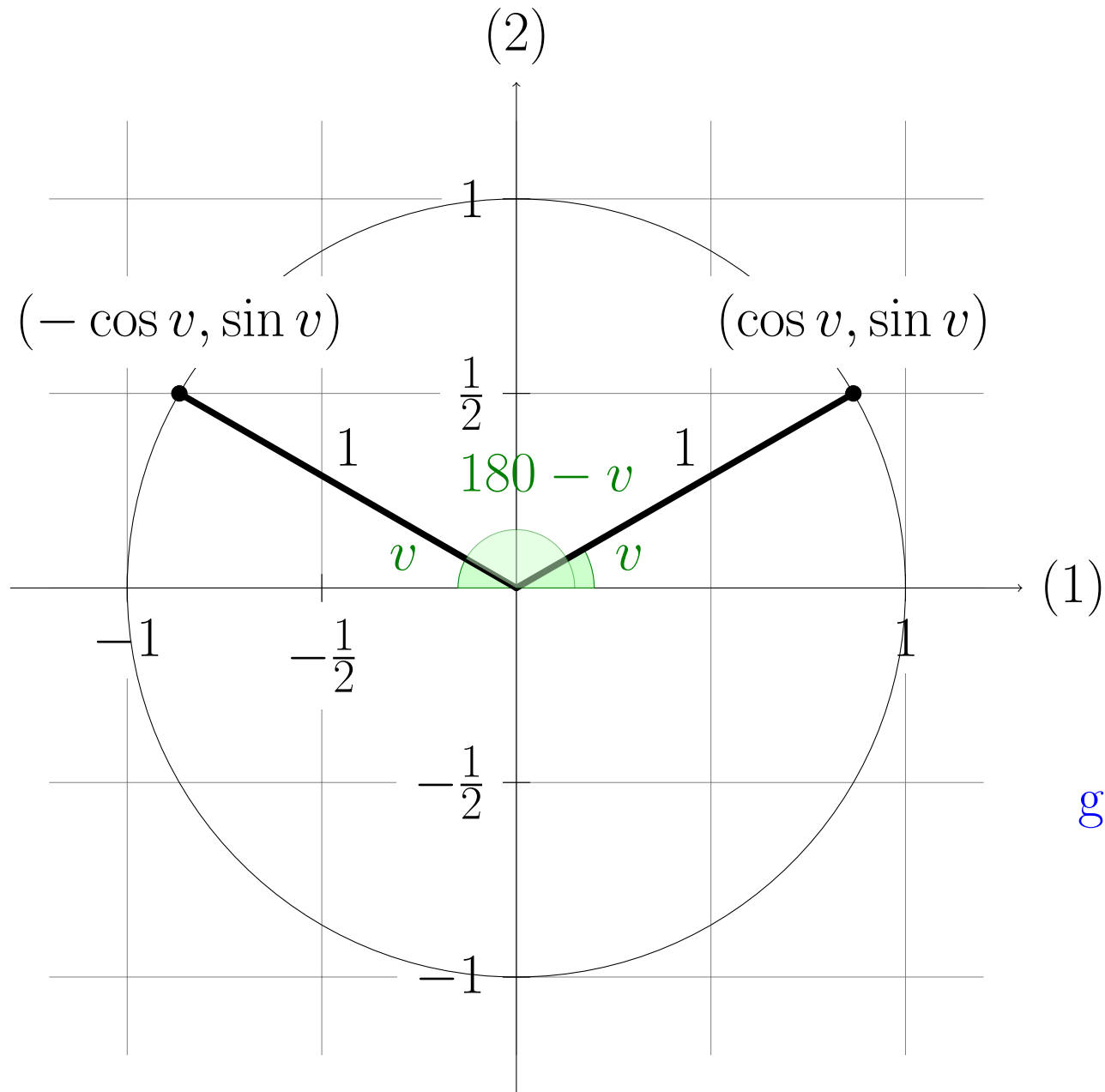
# Areal af trekant



$$\begin{aligned} \text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin 180 - A \end{aligned}$$



# Areal af trekant



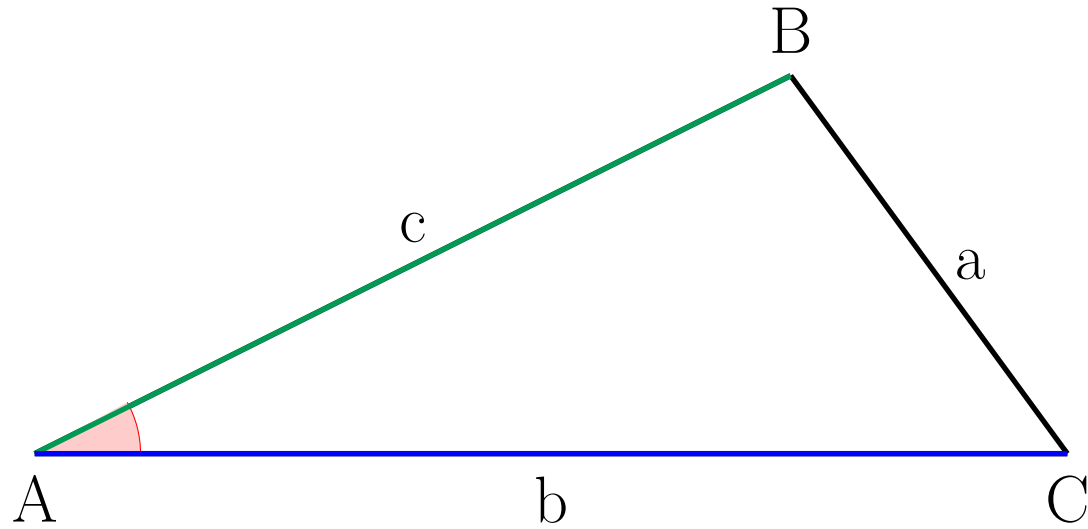
$$\text{Arealet} = \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje}$$

$$\text{grundlinjen} = b$$

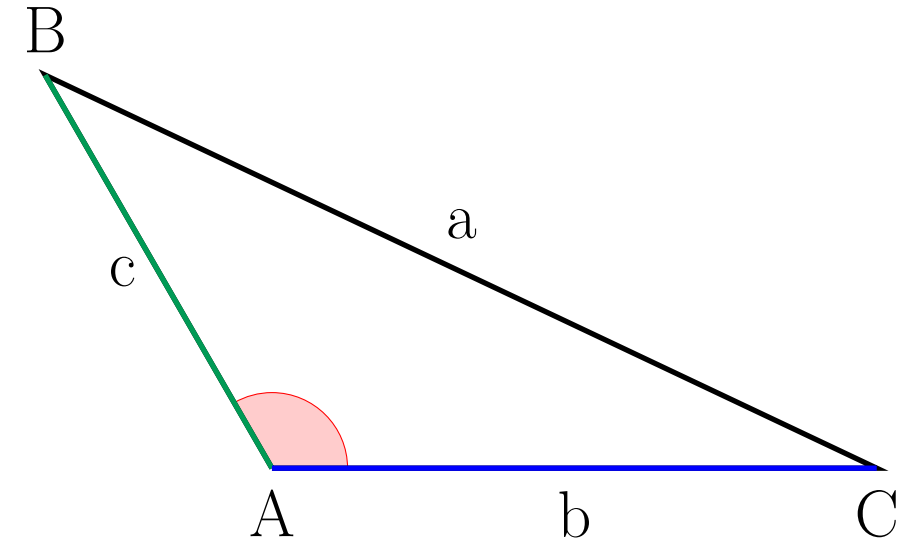
$$\text{mod} = \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin 180 - A$$

$$\text{Arealet} = \frac{1}{2} \cdot c \cdot \sin A \cdot b$$

# Areal af trekant



$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$



$$\begin{aligned}\text{Arealet} &= \frac{1}{2} \cdot \text{højde} \cdot \text{grundlinje} \\ \text{grundlinjen} &= b \\ \text{mod} &= \text{hyp} \cdot \sin v \Rightarrow \text{højde} = c \cdot \sin 180 - A \\ \text{Arealet} &= \frac{1}{2} \cdot c \cdot \sin A \cdot b\end{aligned}$$

# Sinusrelationerne

$$\frac{1}{2} \cdot c \cdot \sin A \cdot b$$

# Sinusrelationerne

$$\frac{1}{2} \cdot c \cdot \sin A \cdot b = \frac{1}{2} \cdot c \cdot \sin B \cdot a$$

# Sinusrelationerne

$$\frac{1}{2} \cdot c \cdot \sin A \cdot b = \frac{1}{2} \cdot c \cdot \sin B \cdot a = \frac{1}{2} \cdot a \cdot \sin C \cdot b$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot c \cdot \sin A \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot c \cdot \sin B \cdot a}{\frac{1}{2} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$

# Sinusrelationerne

$$\frac{\cancel{\frac{1}{2}} \cdot c \cdot \sin A \cdot b}{\cancel{\frac{1}{2}} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot c \cdot \sin B \cdot a}{\frac{1}{2} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot c \cdot \sin B \cdot a}{\frac{1}{2} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$



# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot \cancel{a} \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot c \cdot \sin B \cdot a}{\frac{1}{2} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot c \cdot \sin B \cdot a}{\frac{1}{2} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$
$$\frac{\sin A}{a}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot a}{\frac{1}{2} \cdot a \cdot b \cdot c} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$
$$\frac{\sin A}{a}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot a}{\frac{1}{2} \cdot a \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$
$$\frac{\sin A}{a}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot \cancel{a}}{\frac{1}{2} \cdot \cancel{a} \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$
$$\frac{\sin A}{a}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot \cancel{a}}{\frac{1}{2} \cdot \cancel{a} \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$
$$\frac{\sin A}{a} = \frac{\sin B}{b}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot \cancel{a}}{\frac{1}{2} \cdot \cancel{a} \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot a \cdot \sin C \cdot b}{\frac{1}{2} \cdot a \cdot b \cdot c}$$
$$\frac{\sin A}{a} = \frac{\sin B}{b}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot \cancel{a}}{\frac{1}{2} \cdot \cancel{a} \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{a} \cdot \sin C \cdot b}{\frac{1}{2} \cdot \cancel{a} \cdot b \cdot c}$$
$$\frac{\sin A}{a} = \frac{\sin B}{b}$$



# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot \cancel{a}}{\frac{1}{2} \cdot \cancel{a} \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{a} \cdot \sin C \cdot \cancel{b}}{\frac{1}{2} \cdot \cancel{a} \cdot \cancel{b} \cdot c}$$
$$\frac{\sin A}{a} = \frac{\sin B}{b}$$

# Sinusrelationerne

$$\frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin A \cdot \cancel{b}}{\frac{1}{2} \cdot a \cdot \cancel{b} \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{c} \cdot \sin B \cdot \cancel{a}}{\frac{1}{2} \cdot \cancel{a} \cdot b \cdot \cancel{c}} = \frac{\frac{1}{2} \cdot \cancel{a} \cdot \sin C \cdot \cancel{b}}{\frac{1}{2} \cdot \cancel{a} \cdot \cancel{b} \cdot c}$$
$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$