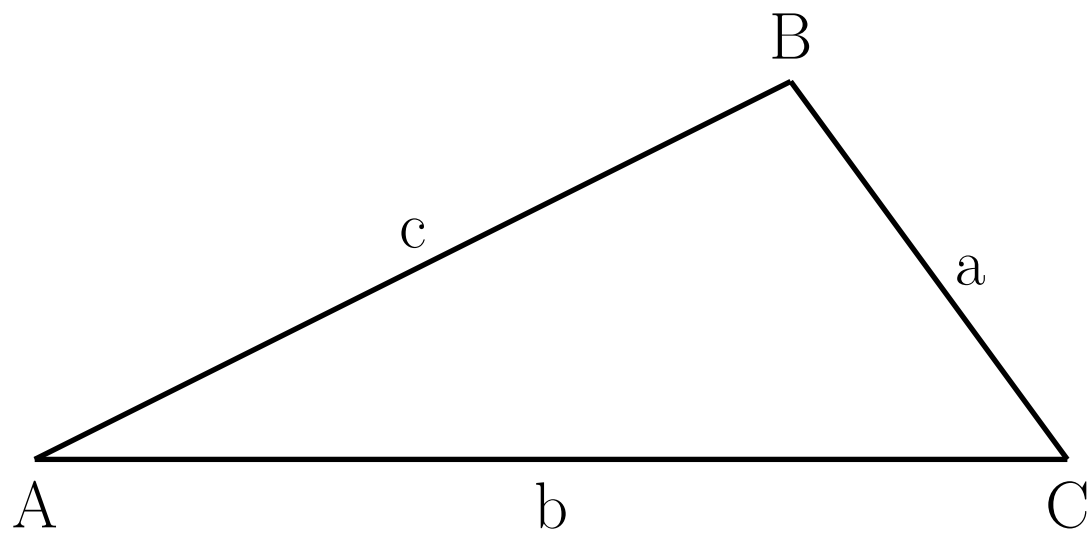
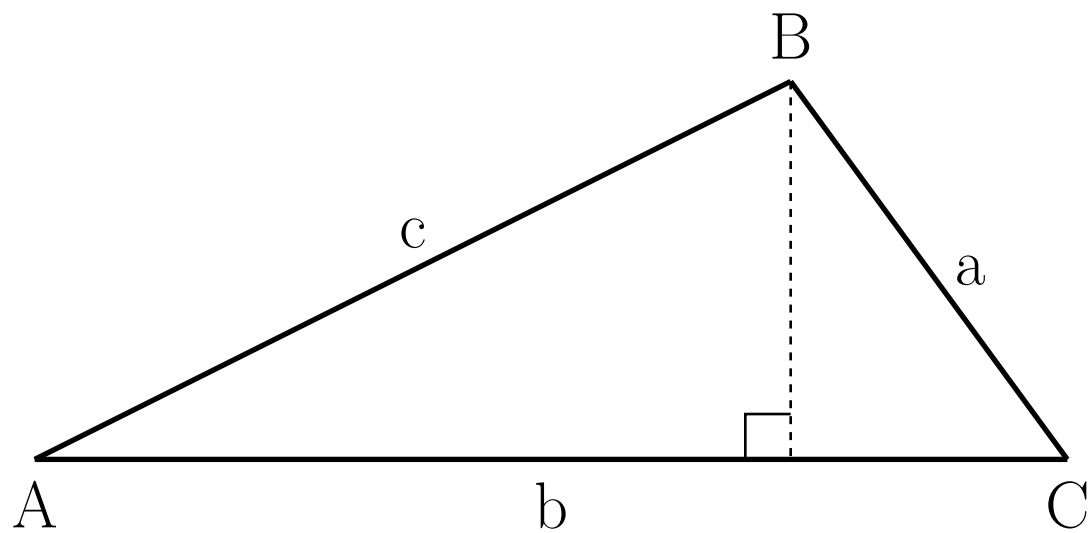


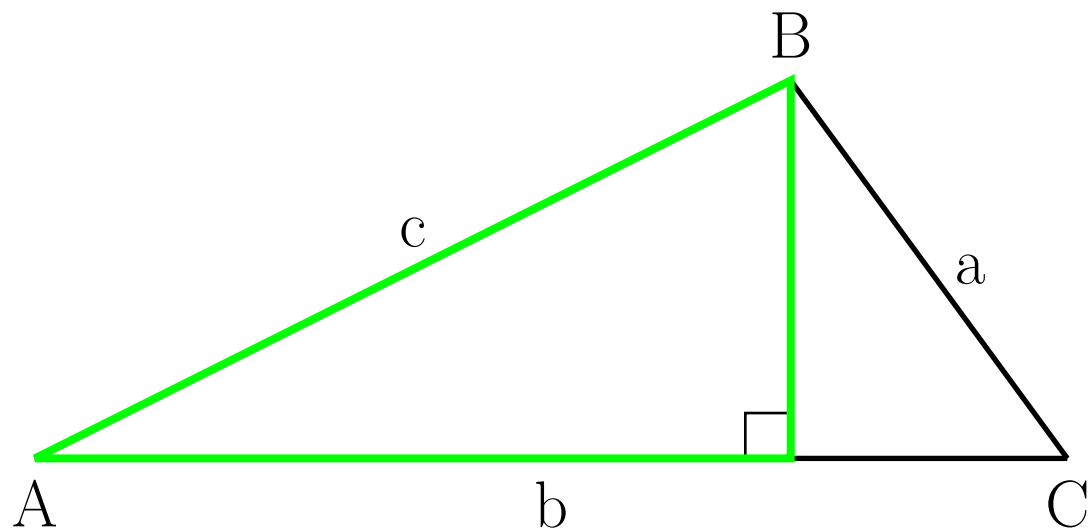
Cosinusrelationerne



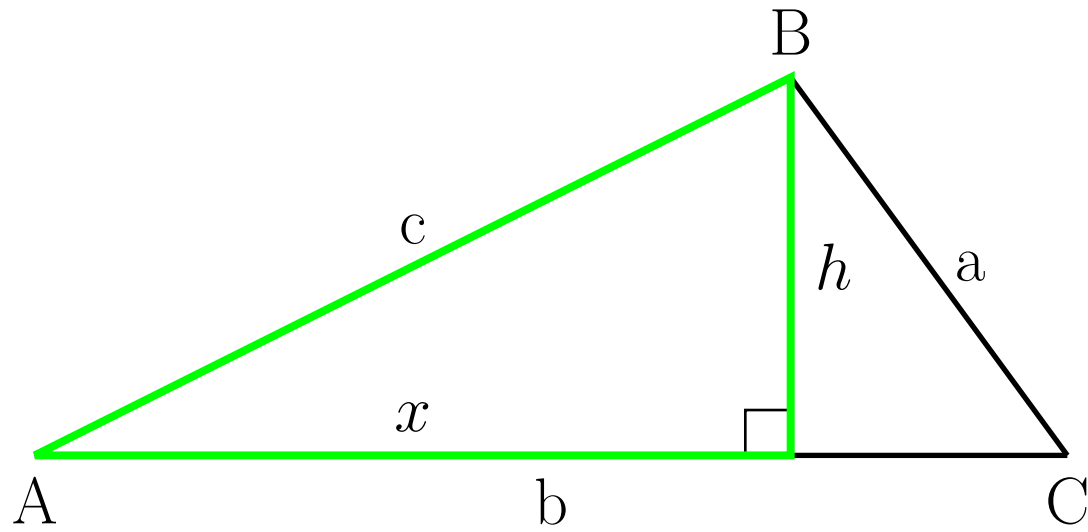
Cosinusrelationerne



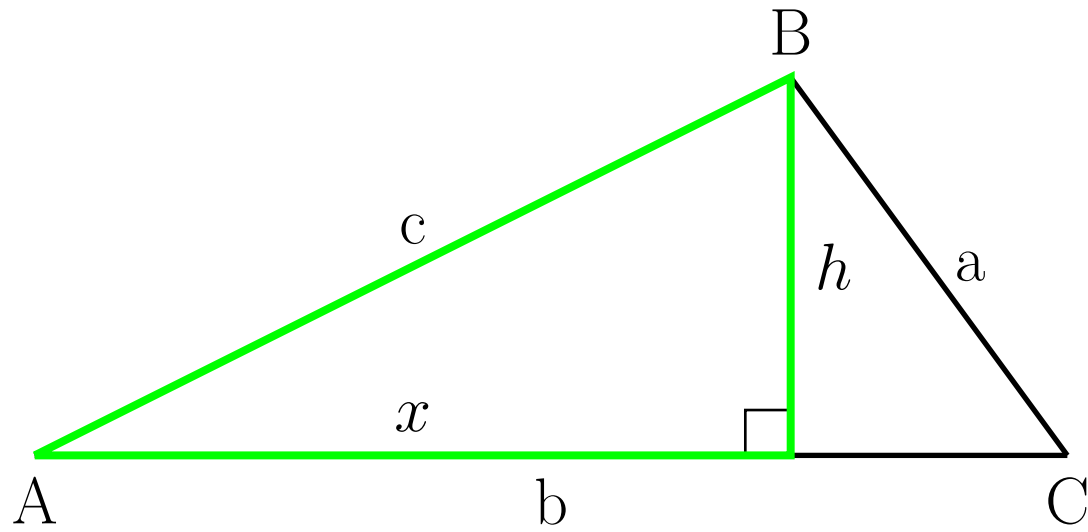
Cosinusrelationerne



Cosinusrelationerne

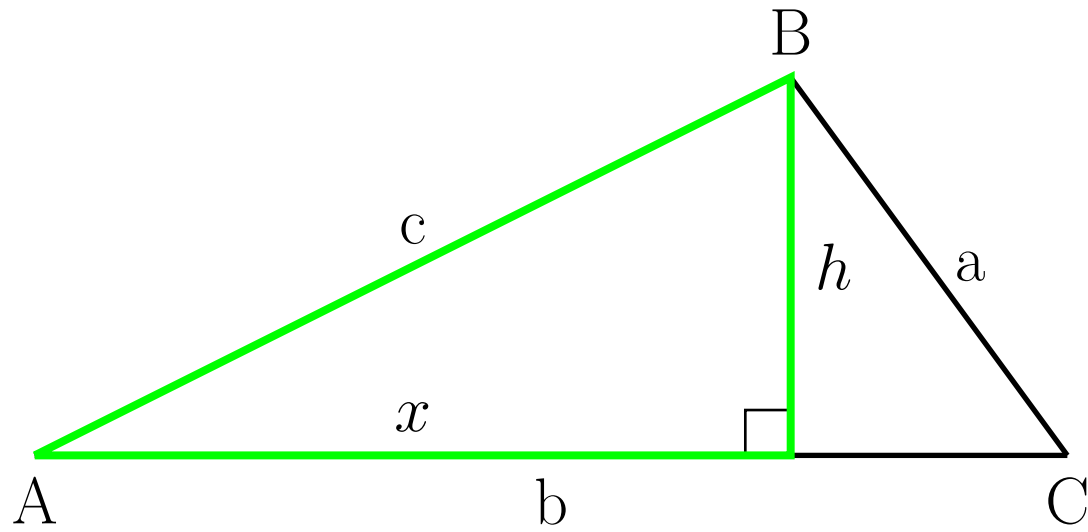


Cosinusrelationerne



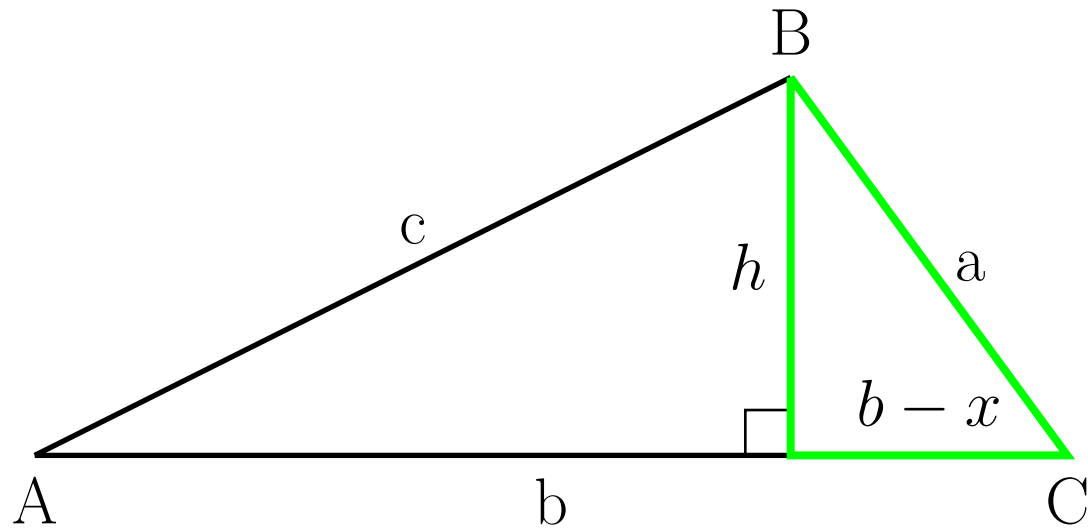
$$c^2 = h^2 + x^2$$

Cosinusrelationerne



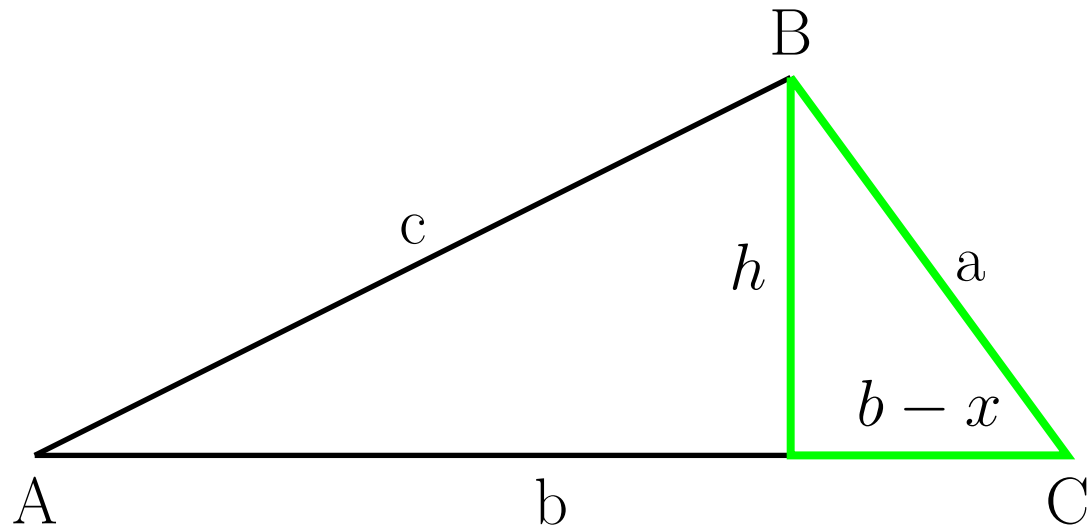
$$c^2 = h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2$$

Cosinusrelationerne



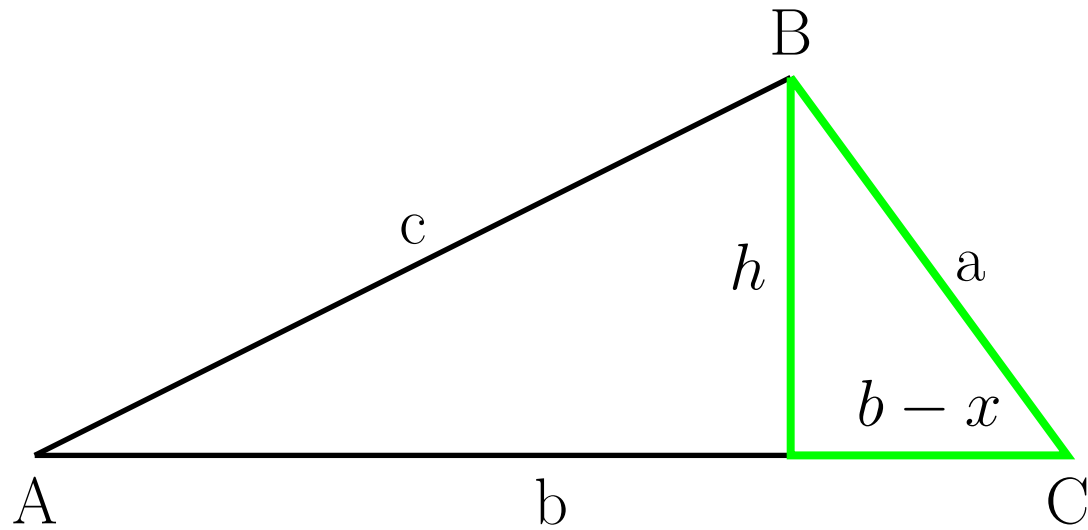
$$c^2 = h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2$$
$$a^2 = (b - x)^2 + h^2$$

Cosinusrelationerne



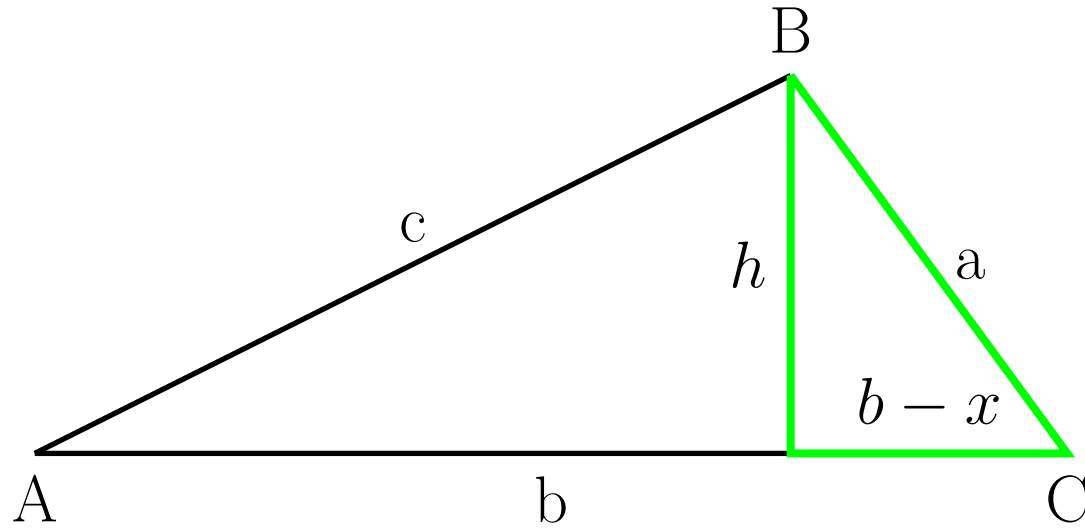
$$c^2 = h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2$$
$$a^2 = (b - x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b - x)^2$$

Cosinusrelationerne



$$\begin{aligned}c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\a^2 &= (b - x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b - x)^2 \\a^2 - (b - x)^2 &= c^2 - x^2\end{aligned}$$

Cosinusrelationerne



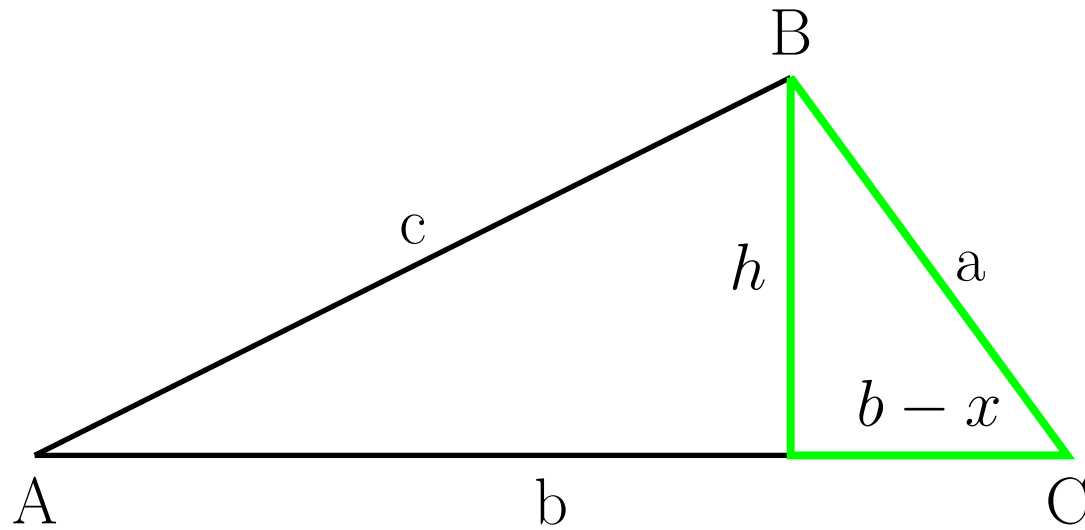
$$c^2 = h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2$$

$$a^2 = (b - x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b - x)^2$$

$$a^2 - (b - x)^2 = c^2 - x^2$$

$$a^2 - (b^2 + x^2 - 2bx) = c^2 - x^2$$

Cosinusrelationerne



$$c^2 = h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2$$

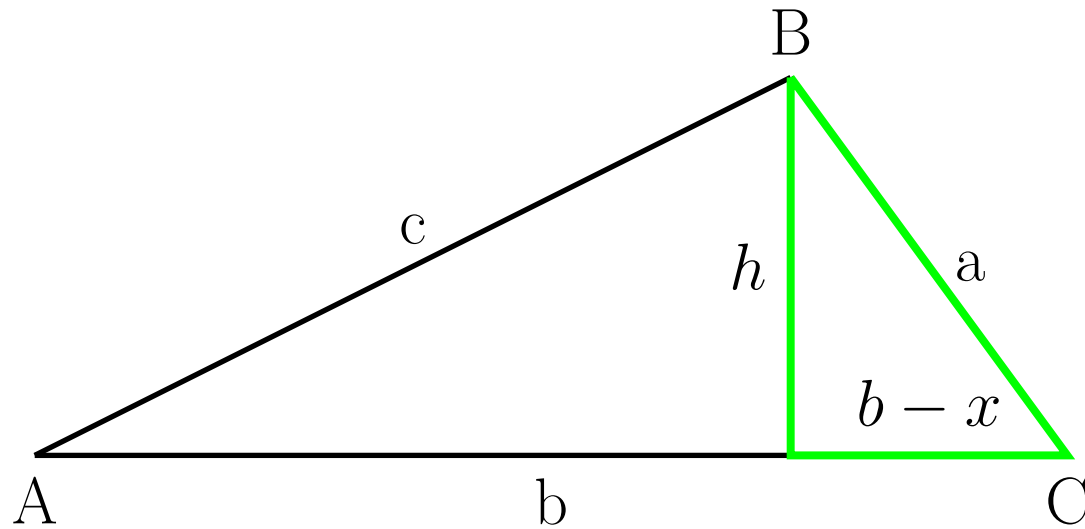
$$a^2 = (b - x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b - x)^2$$

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Cosinusrelationerne



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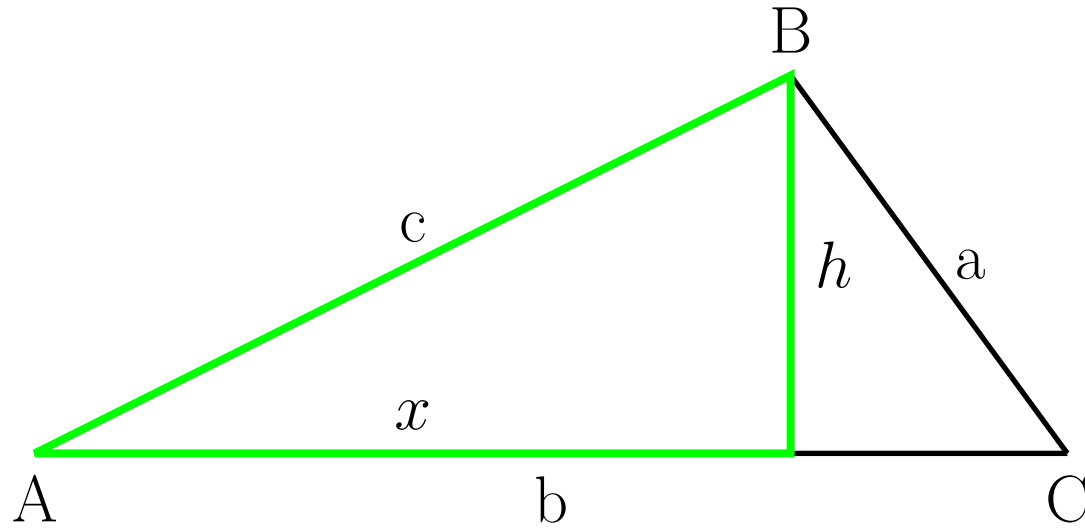
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Cosinusrelationerne



$$\text{hos} = \text{hyp} \cdot \cos v$$

$$c^2 = h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2$$

$$a^2 = (b - x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b - x)^2$$

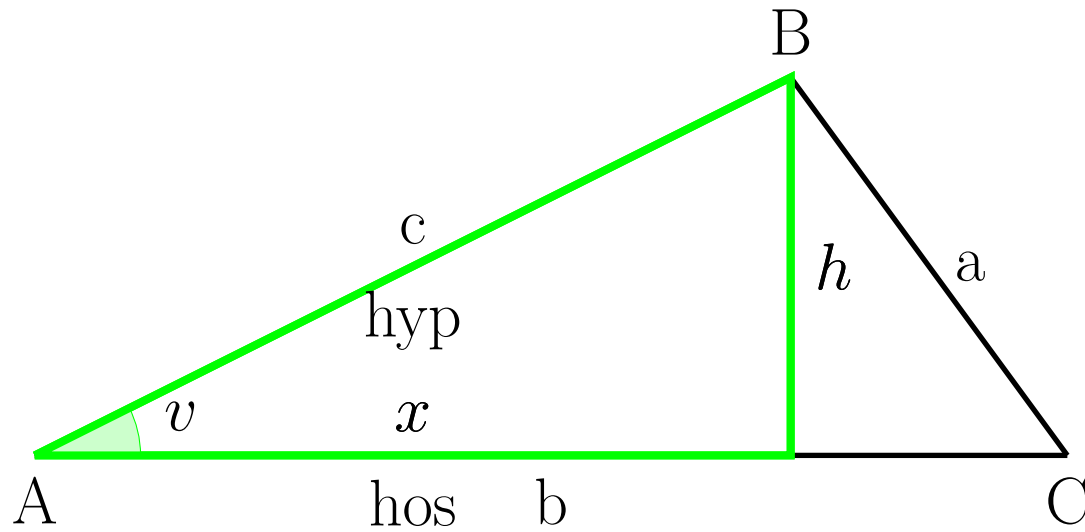
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Cosinusrelationerne



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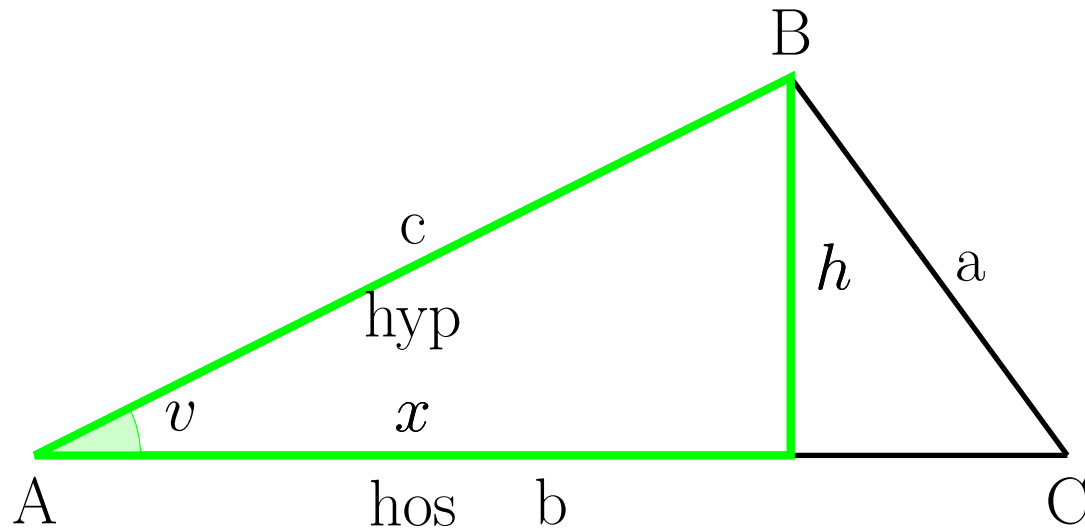
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Cosinusrelationerne



$$\text{hos} = \text{hyp} \cdot \cos v$$

$$x = c \cdot \cos A$$

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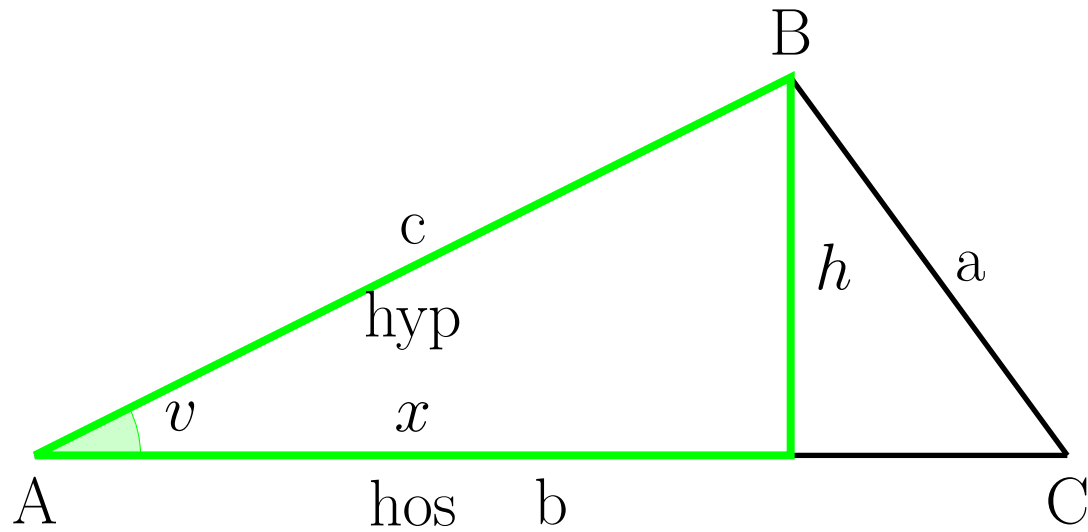
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Cosinusrelationerne



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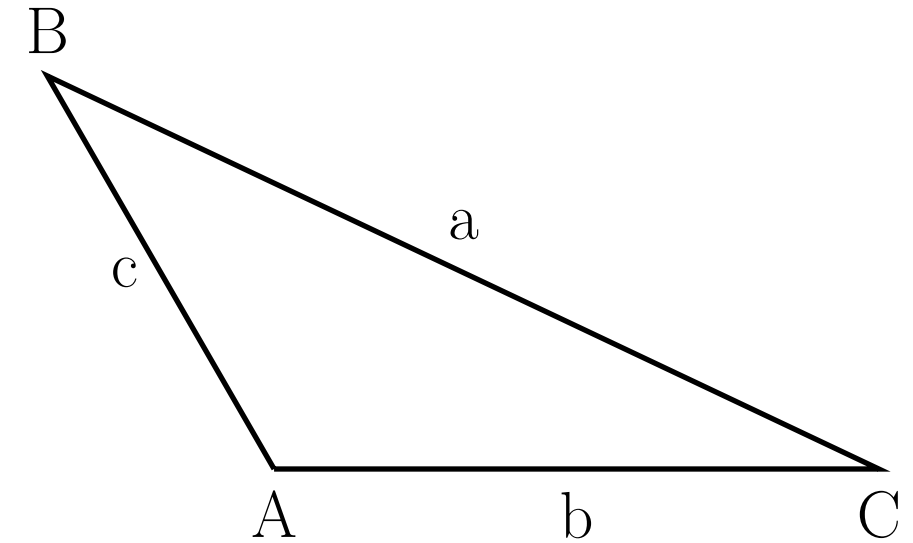
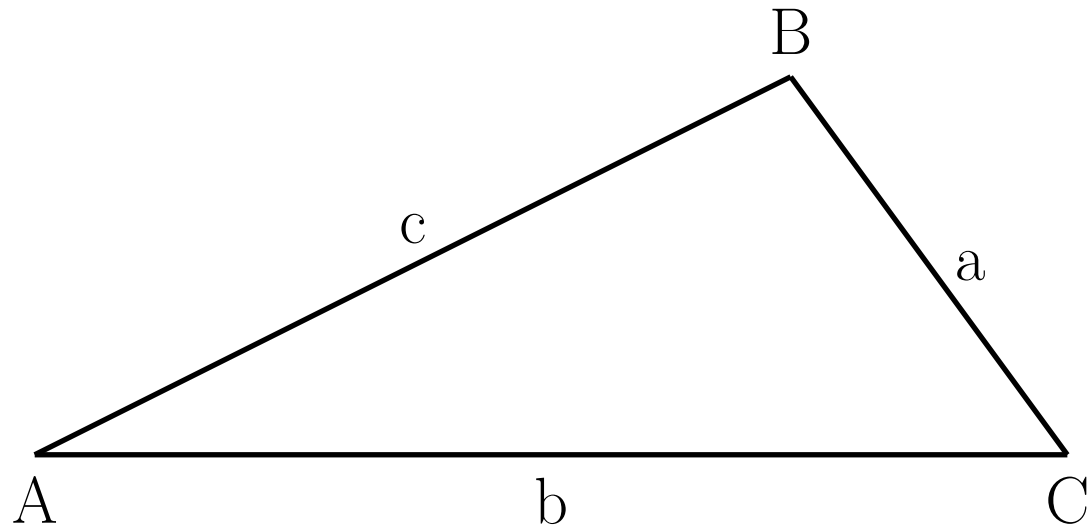
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Cosinusrelationerne



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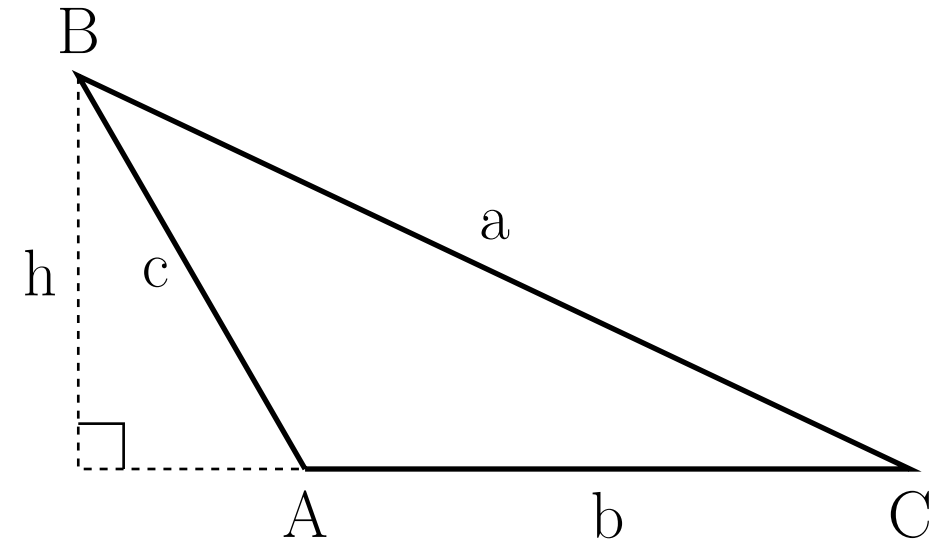
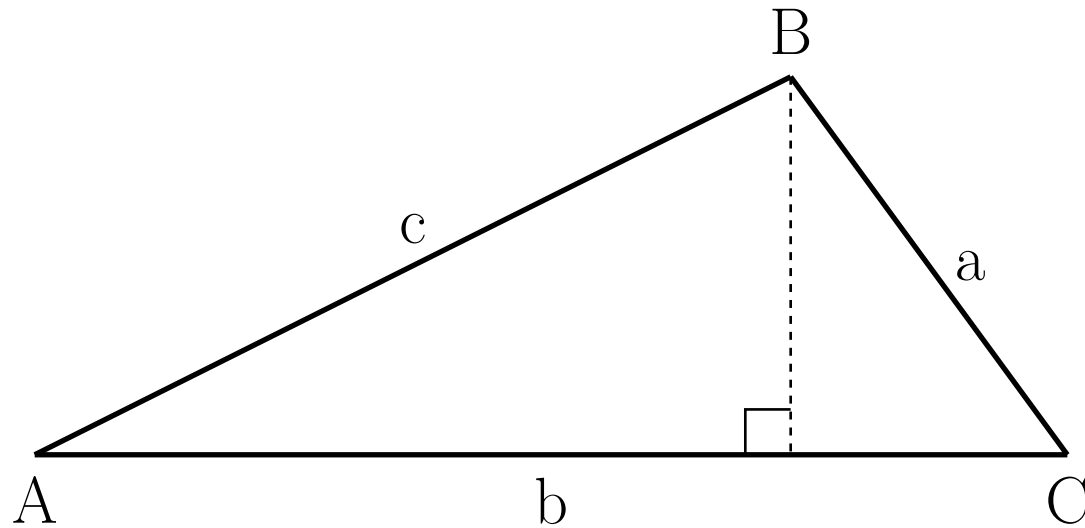
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Cosinusrelationerne



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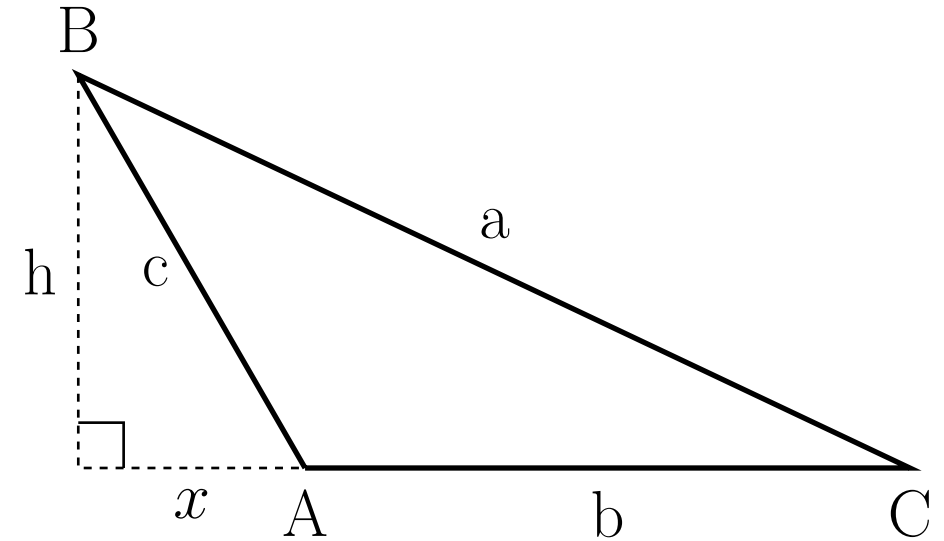
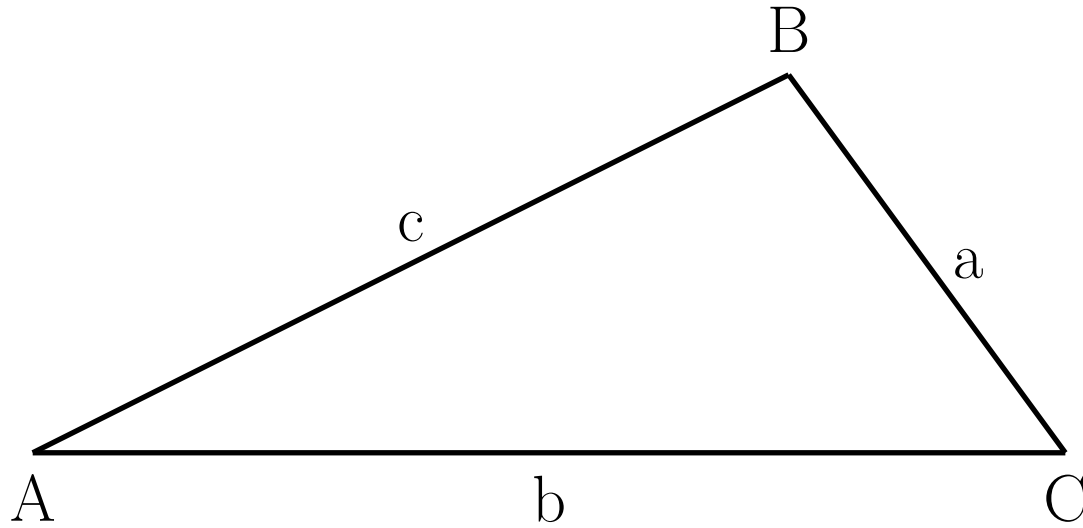
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Cosinusrelationerne



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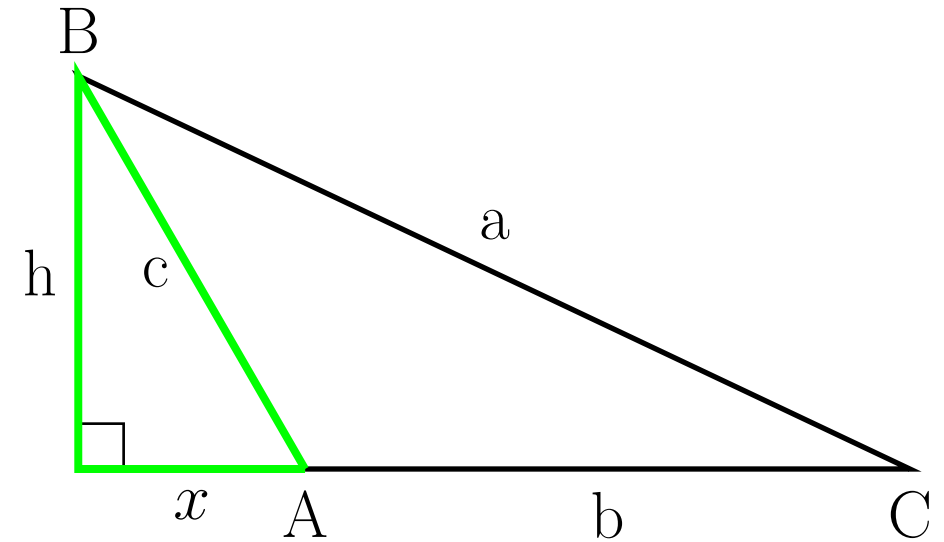
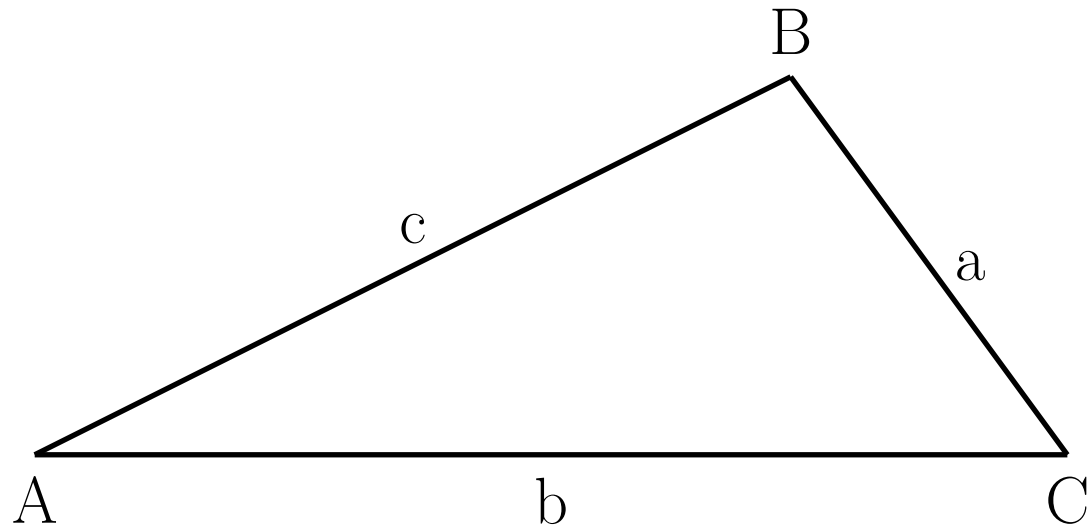
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Cosinusrelationerne



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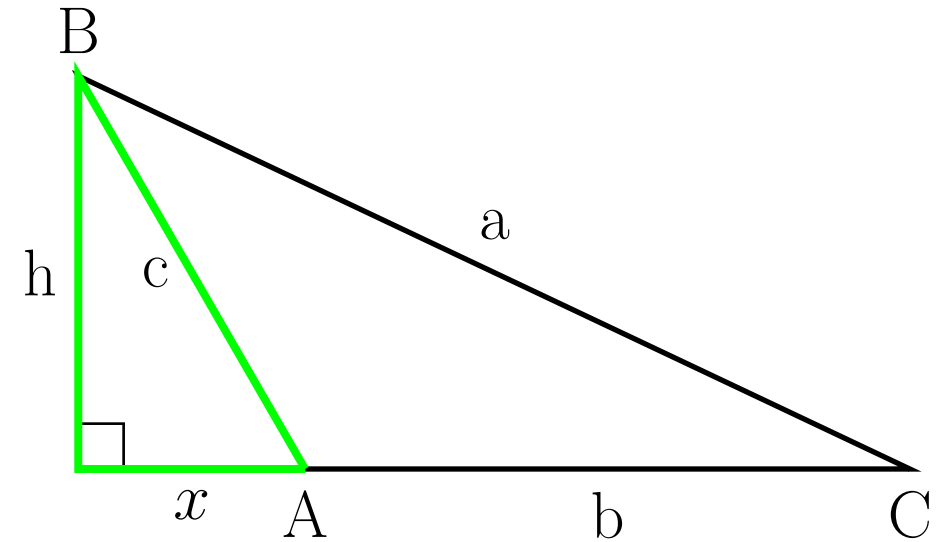
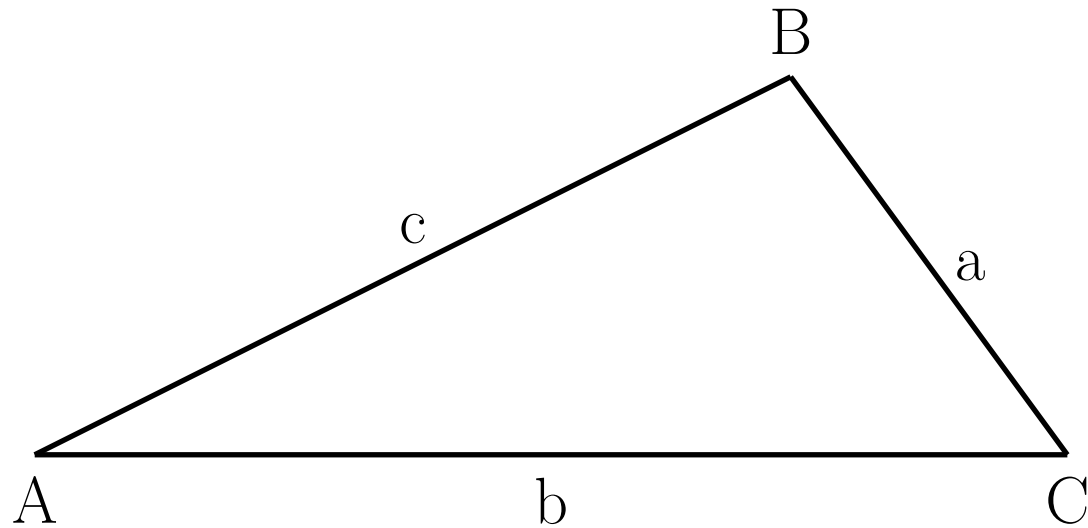
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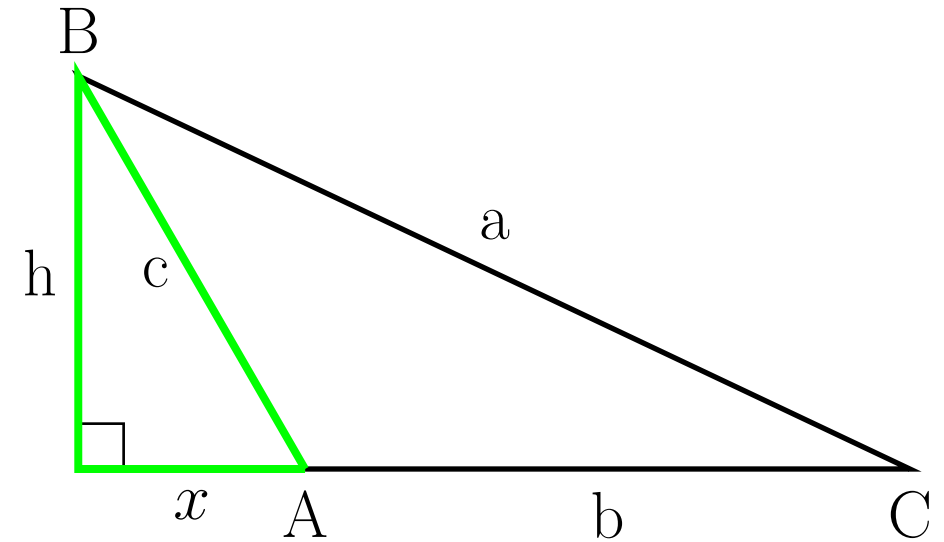
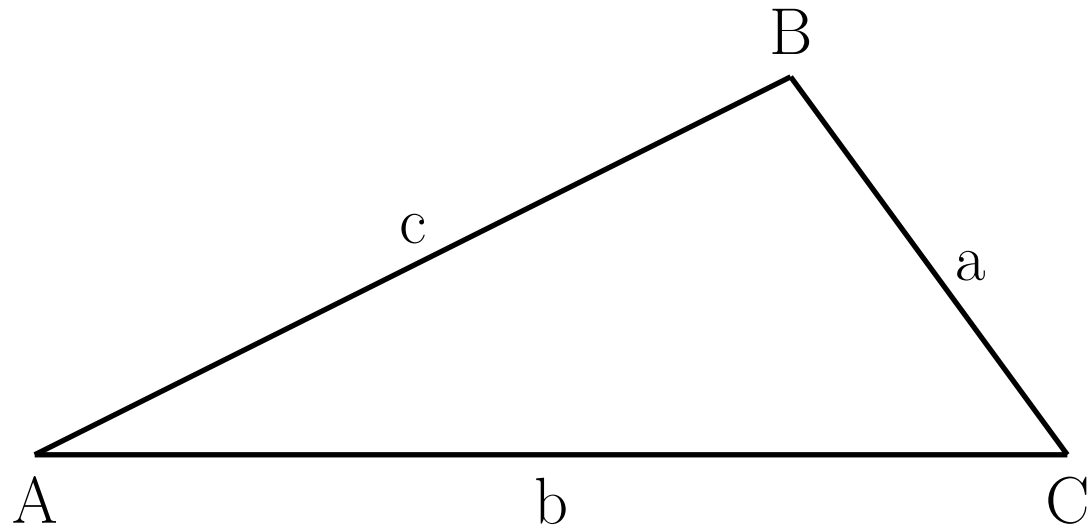
Cosinusrelationerne



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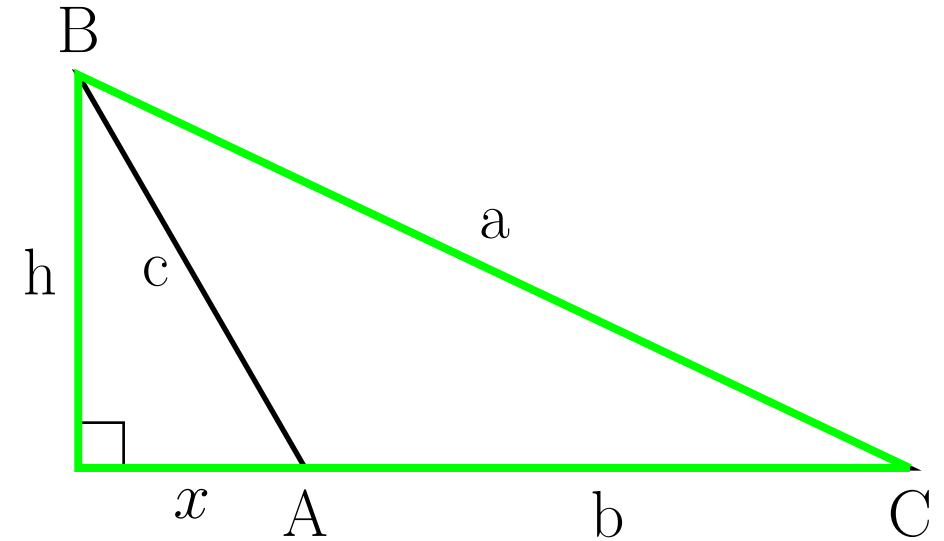
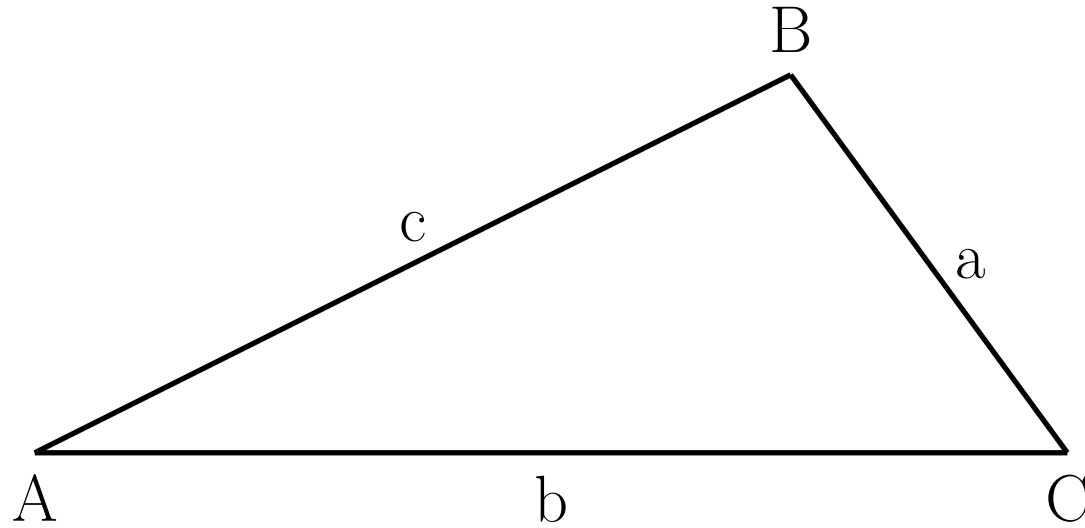
Cosinusrelationerne



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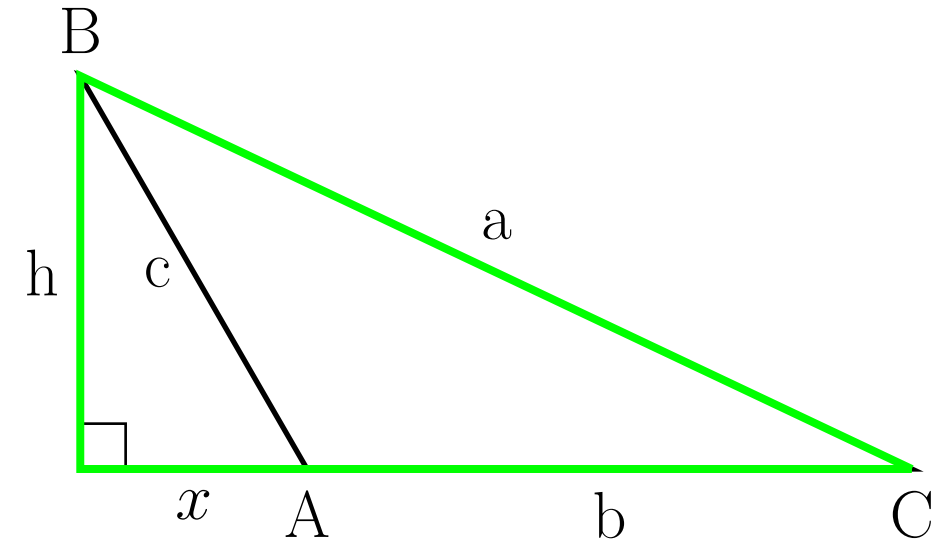
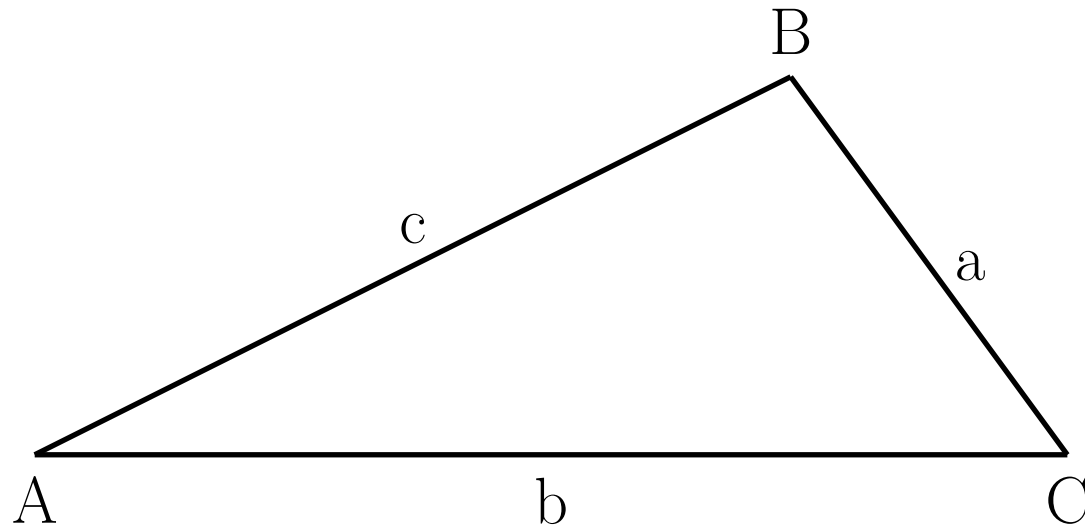
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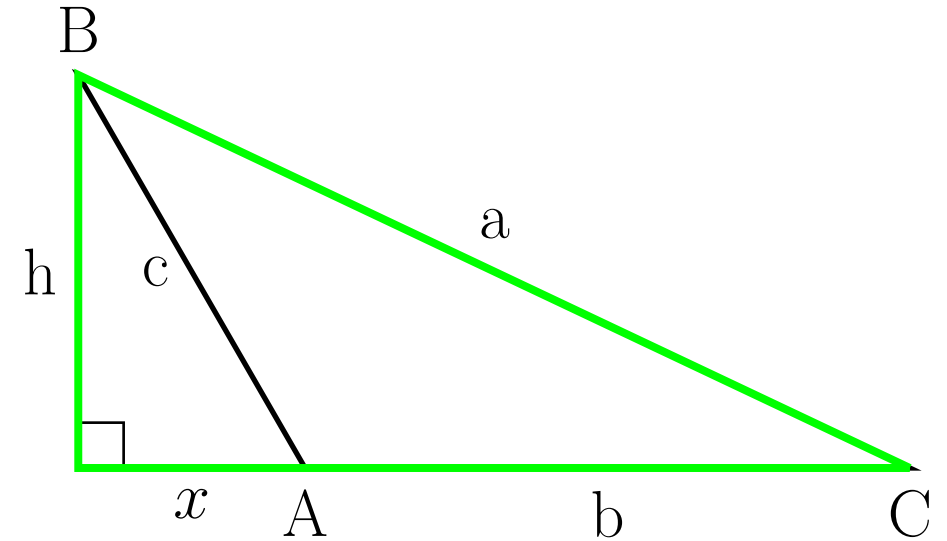
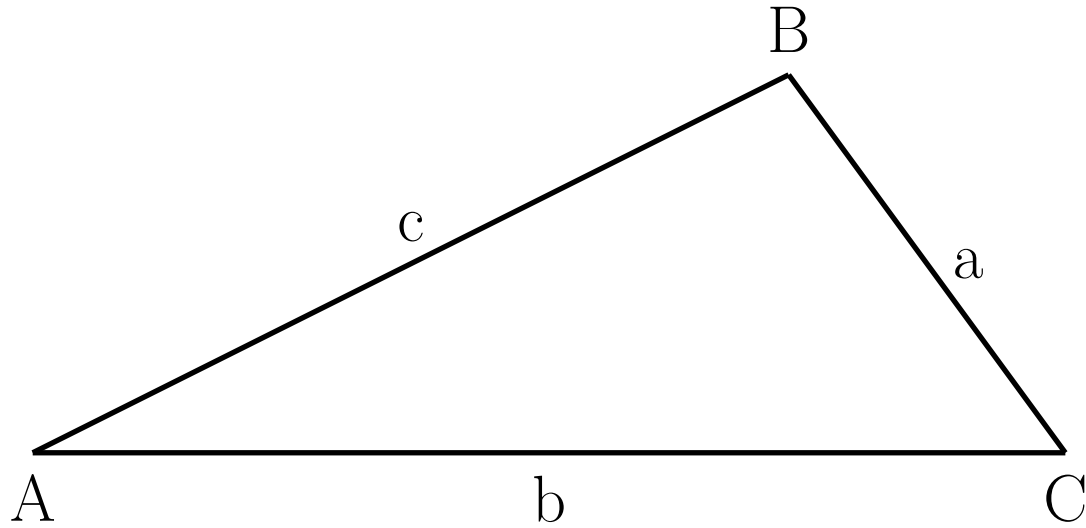
Cosinusrelationerne



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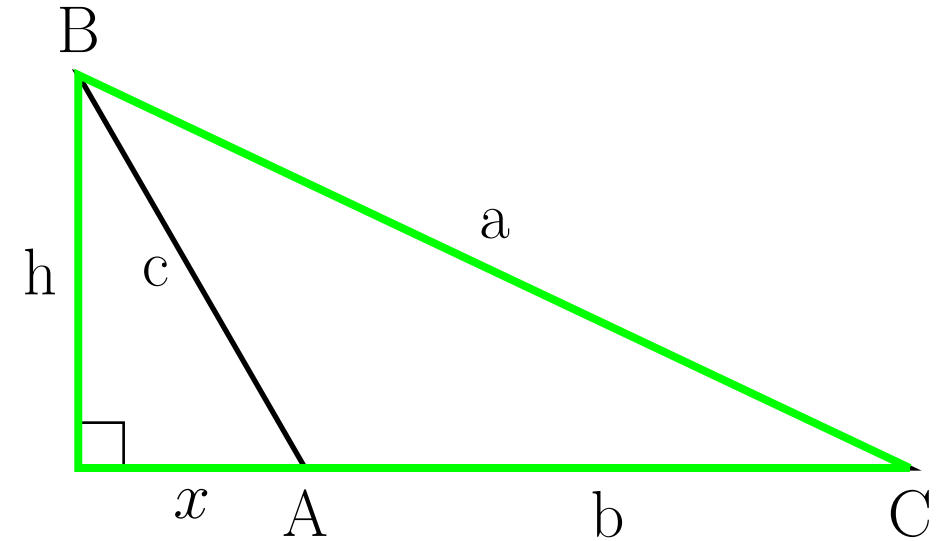
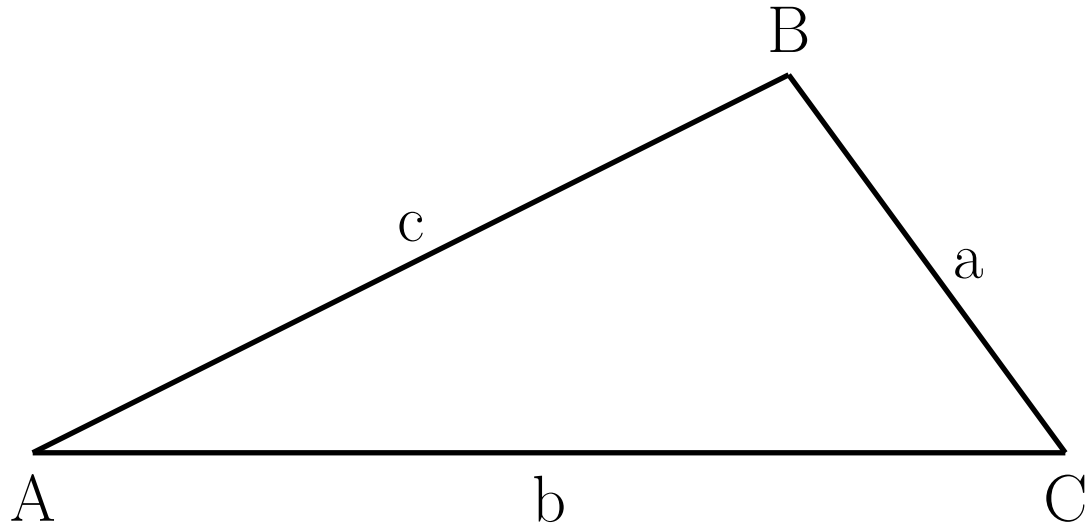
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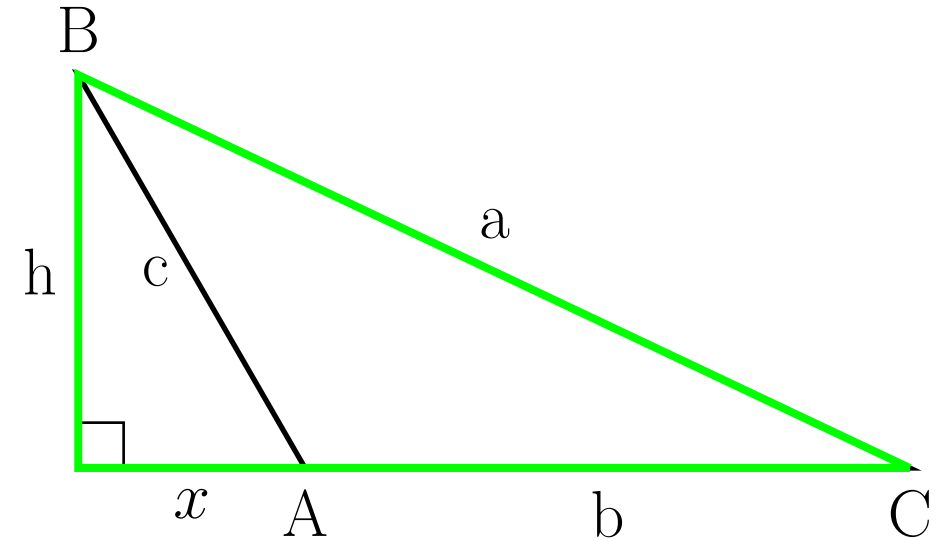
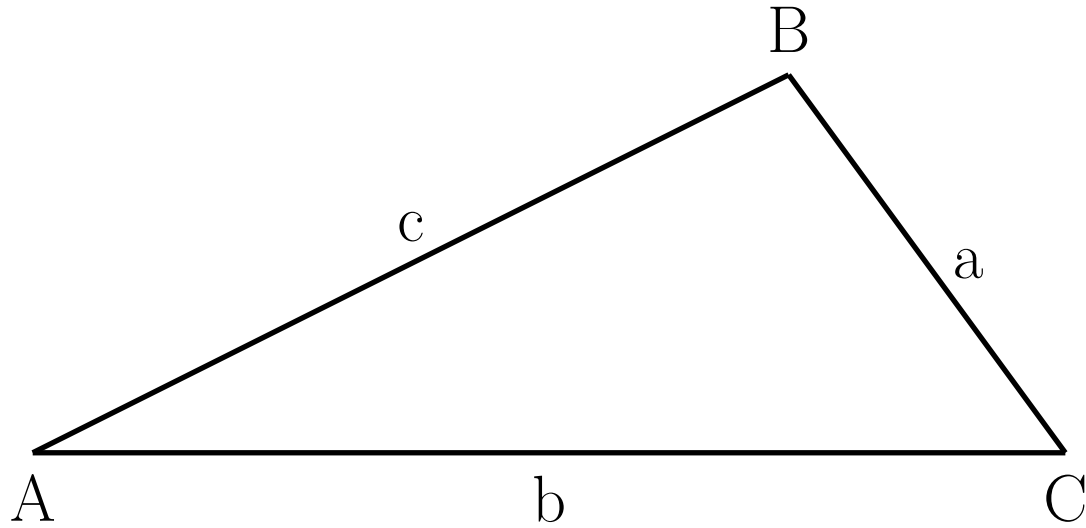
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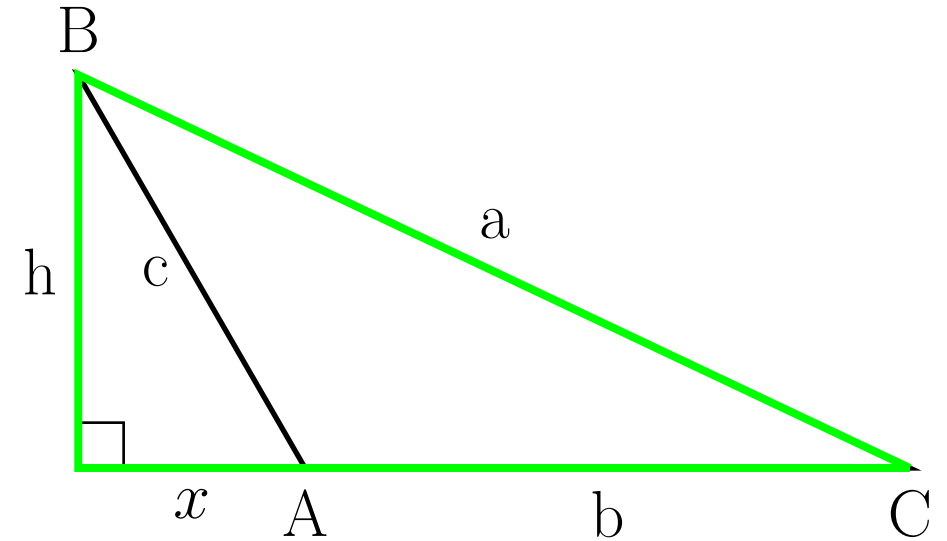
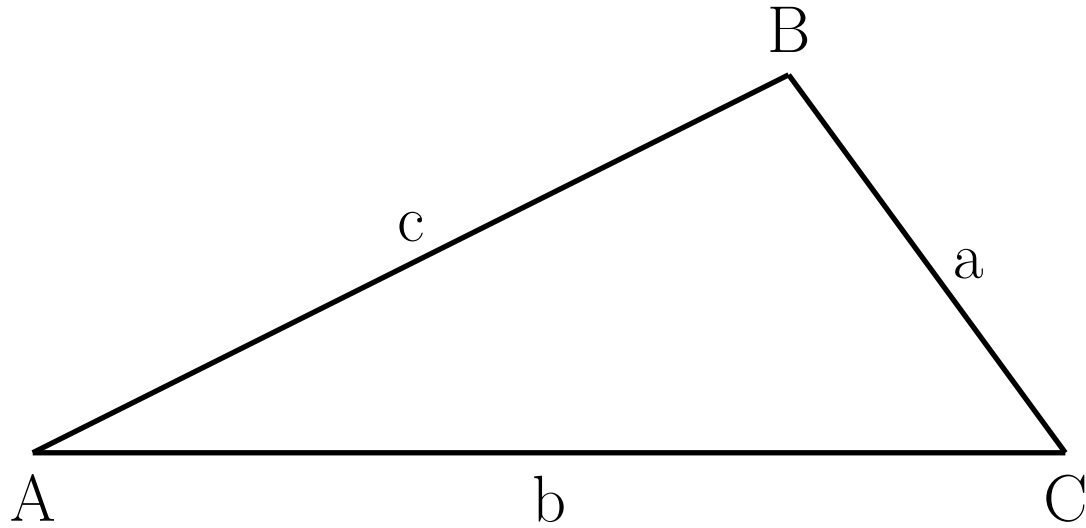
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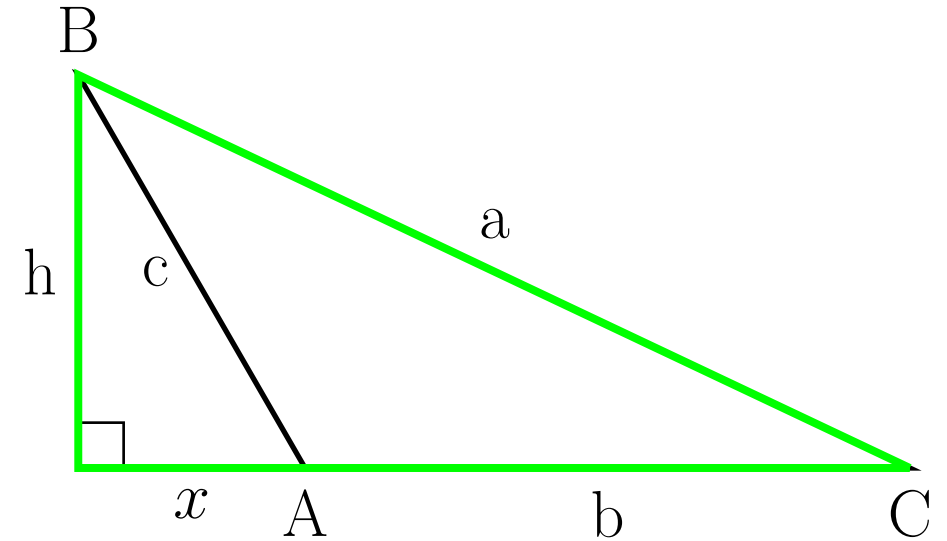
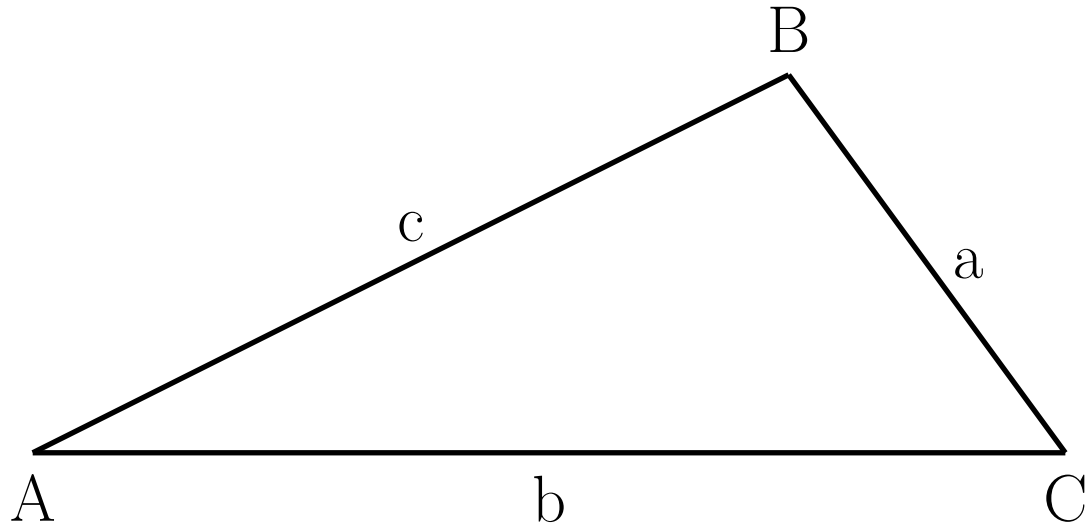
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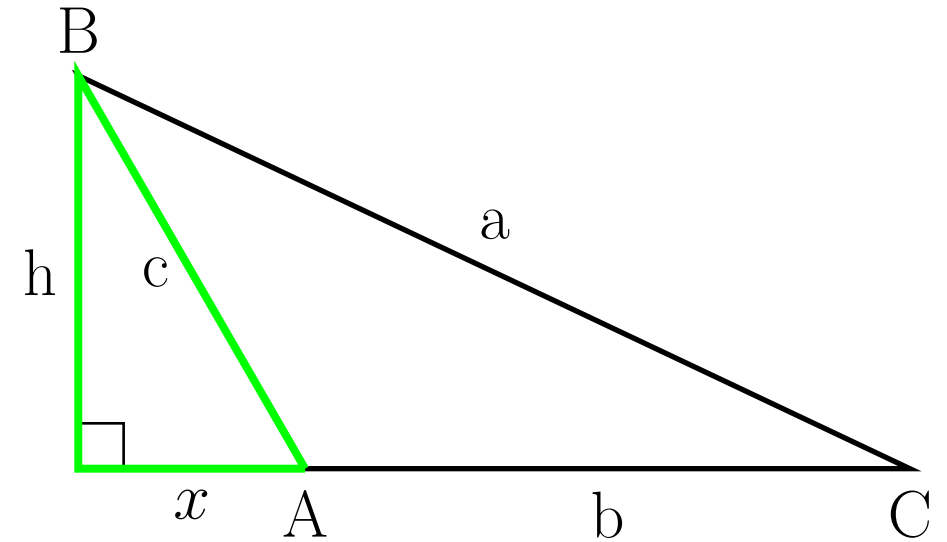
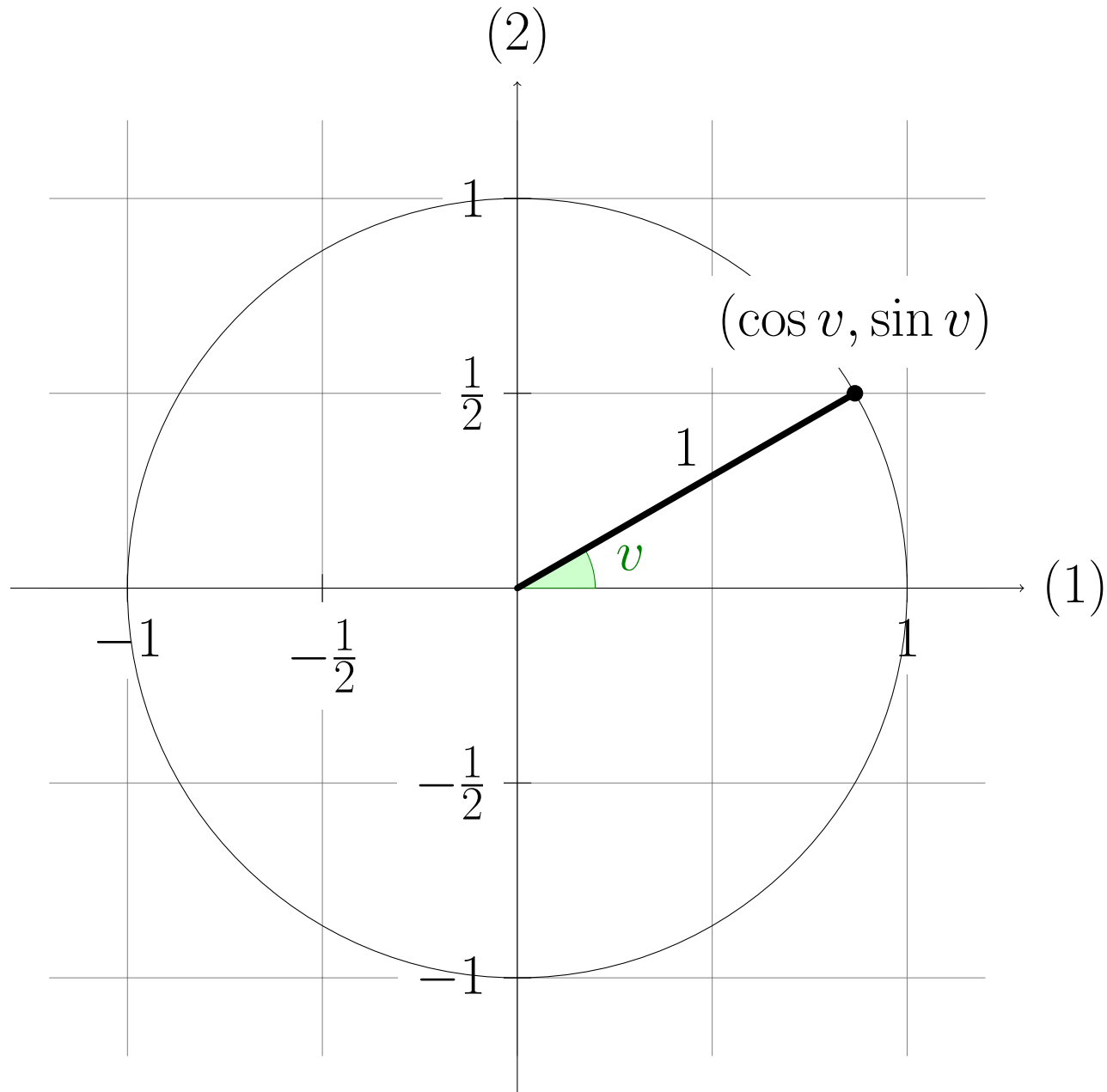
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 a^2 &= c^2 + b^2 - 2bc \cos A
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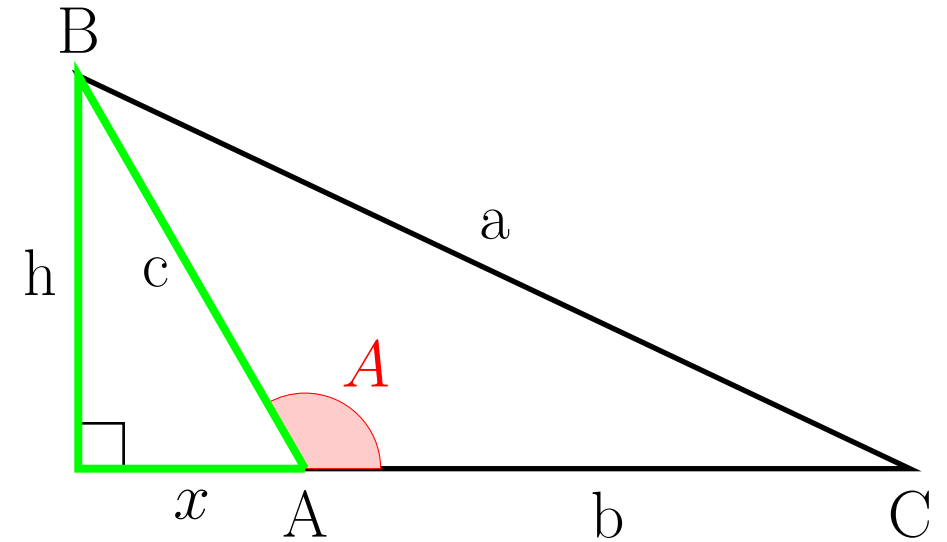
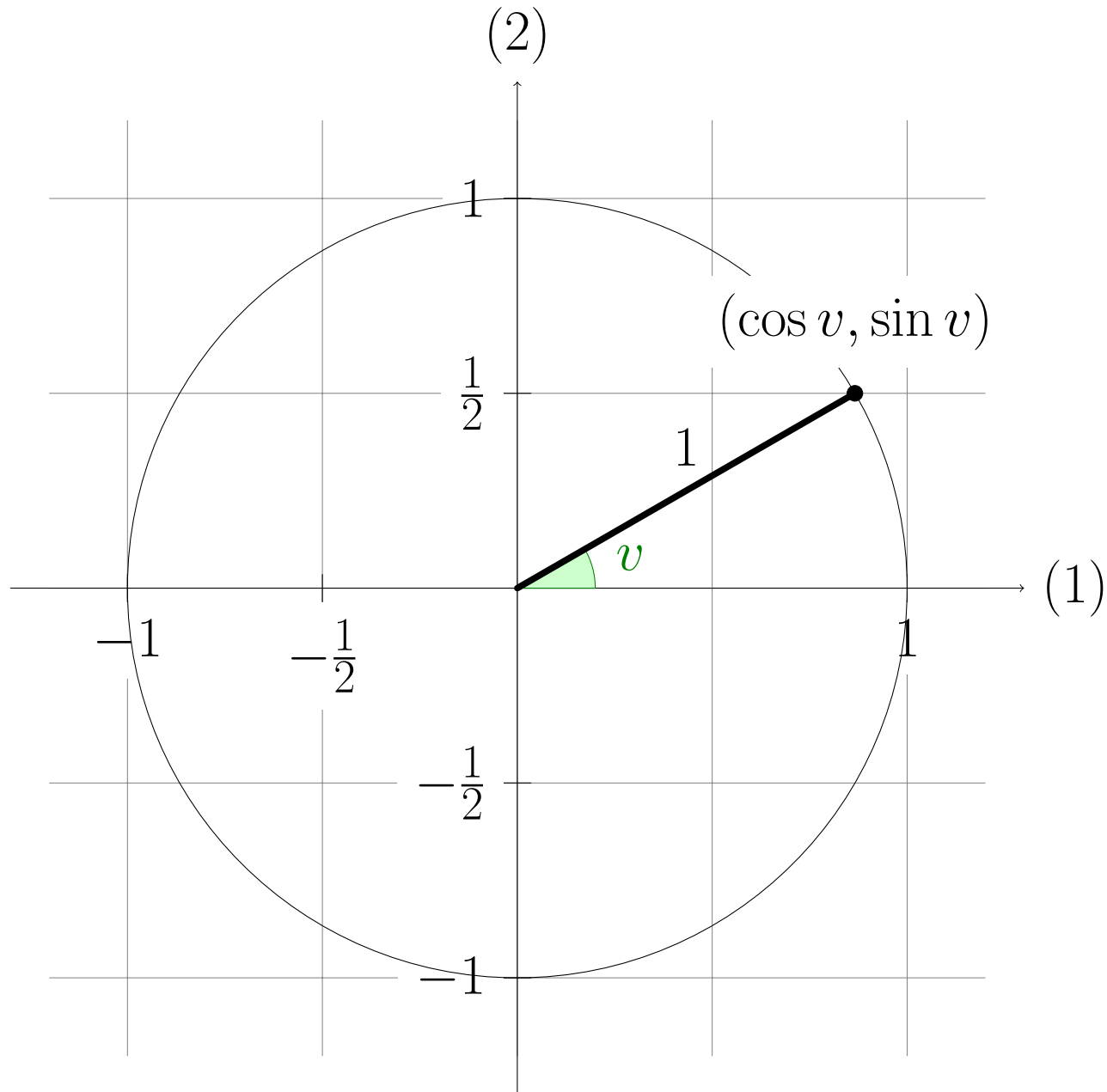
$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
 a^2 &= (b + x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b + x)^2 \\
 a^2 - (b + x)^2 &= c^2 - x^2 \\
 a^2 - (b^2 + x^2 + 2bx) &= c^2 - x^2 \\
 a^2 - b^2 - x^2 - 2bx &= c^2 - x^2 \\
 a^2 &= c^2 + b^2 + 2bx
 \end{aligned}$$

Cosinusrelationerne



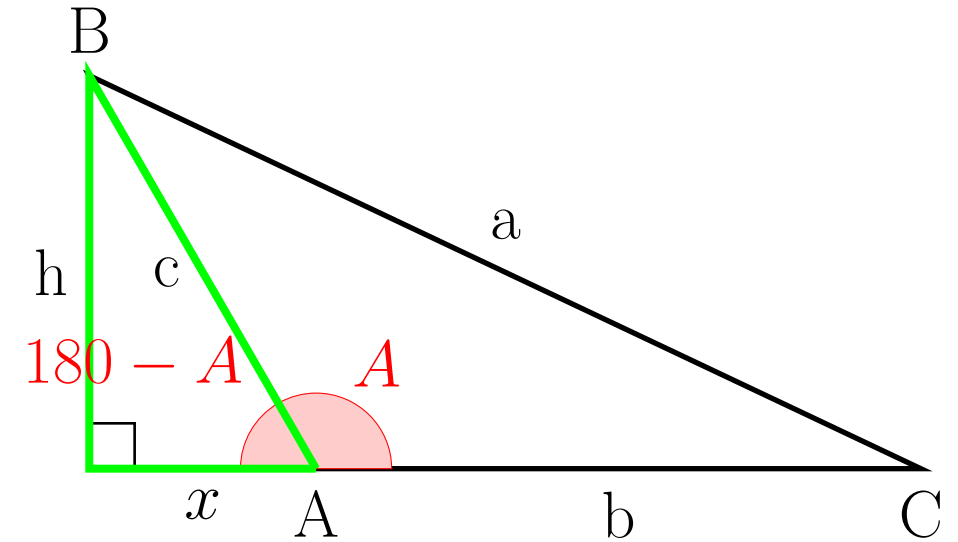
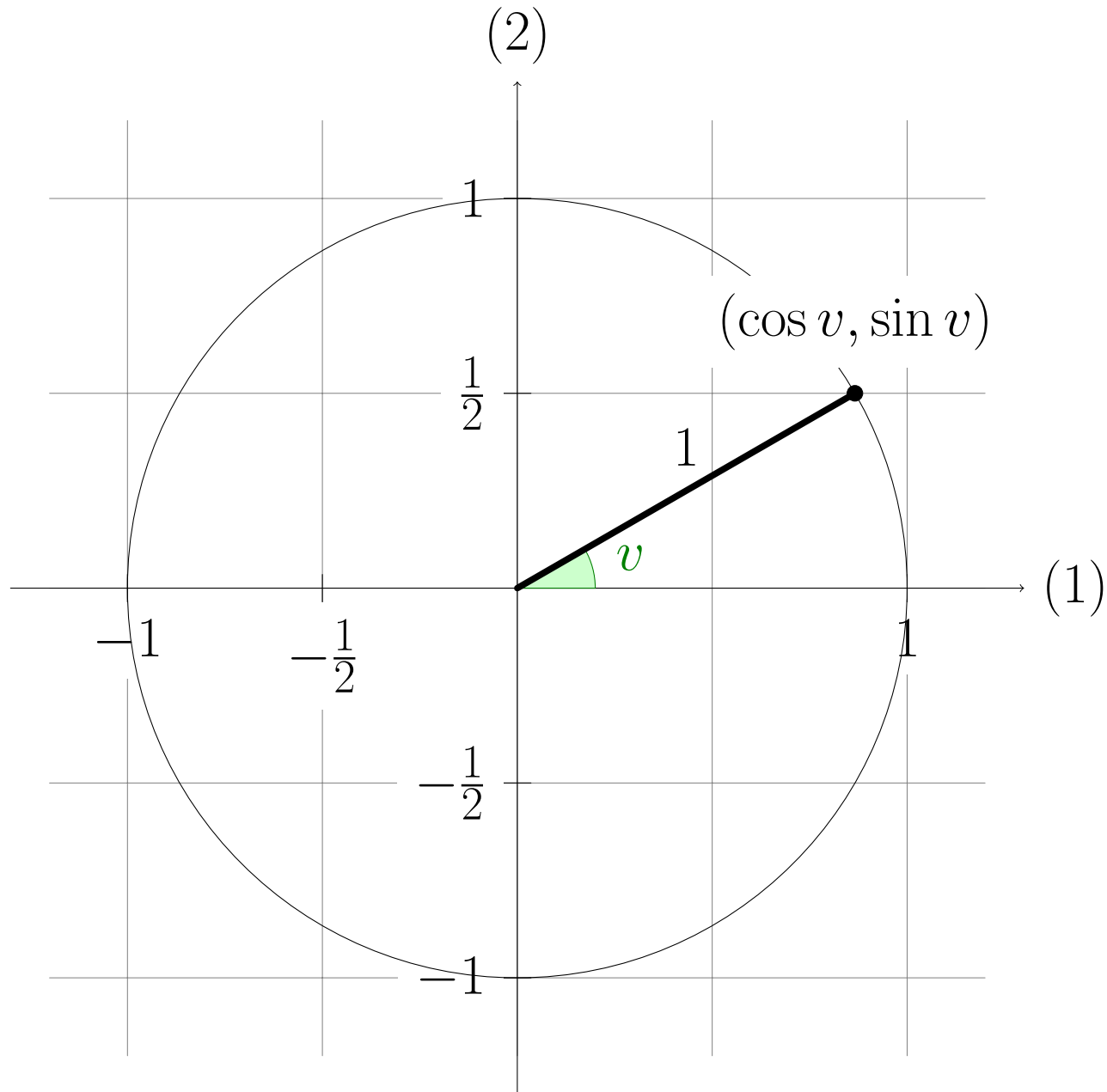
$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
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 a^2 - b^2 - x^2 - 2bx &= c^2 - x^2 \\
 a^2 &= c^2 + b^2 + 2bx
 \end{aligned}$$

Cosinusrelationerne



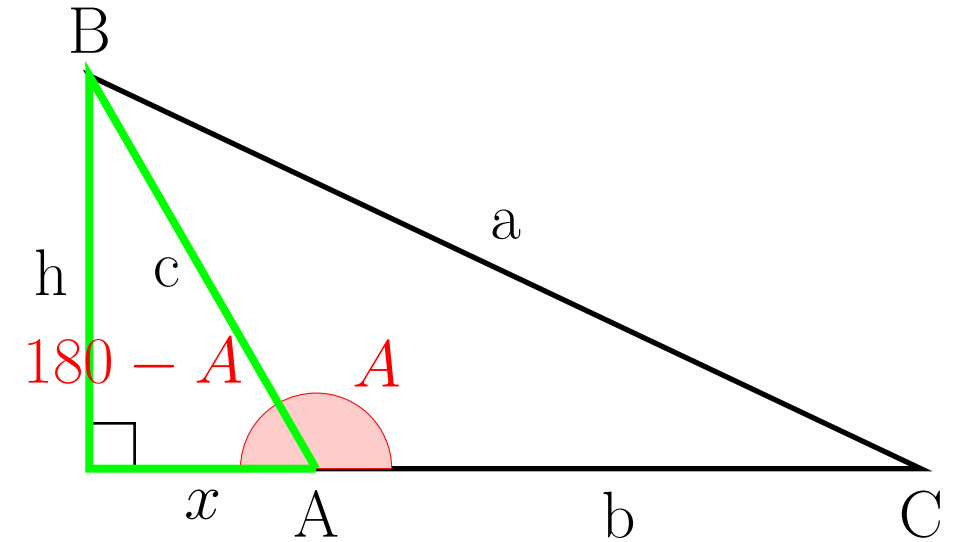
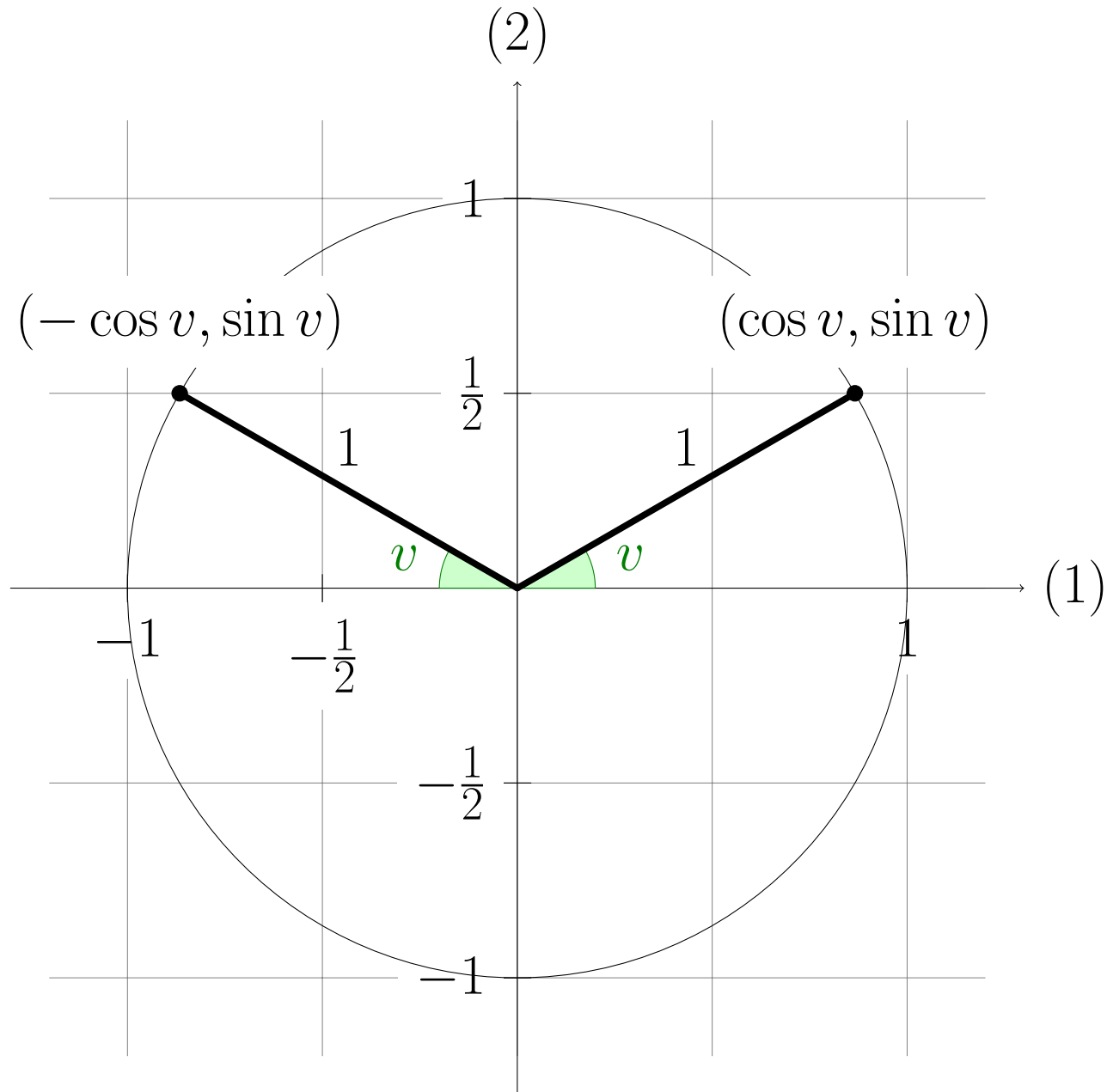
$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
 a^2 &= (b + x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b + x)^2 \\
 a^2 - (b + x)^2 &= c^2 - x^2 \\
 a^2 - (b^2 + x^2 + 2bx) &= c^2 - x^2 \\
 a^2 - b^2 - x^2 - 2bx &= c^2 - x^2 \\
 a^2 &= c^2 + b^2 + 2bx
 \end{aligned}$$

Cosinusrelationerne



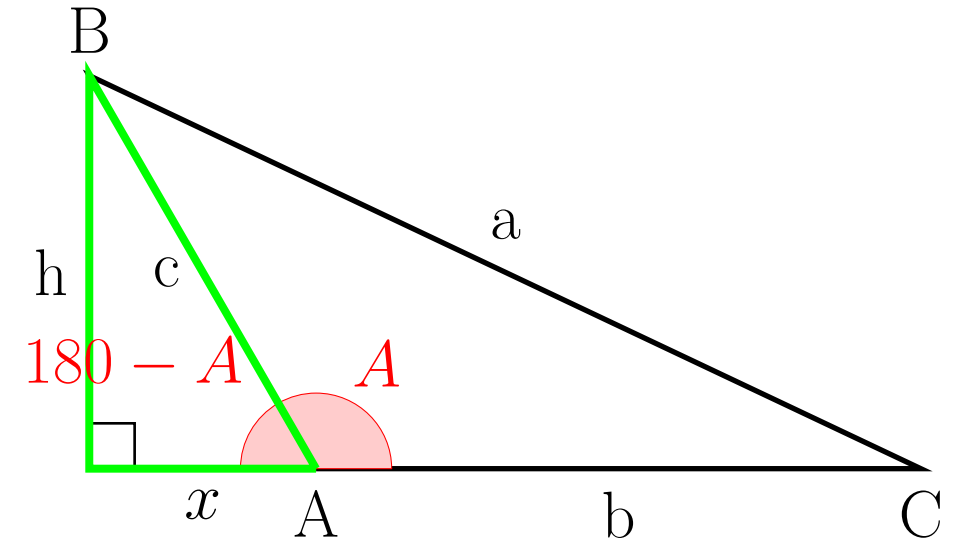
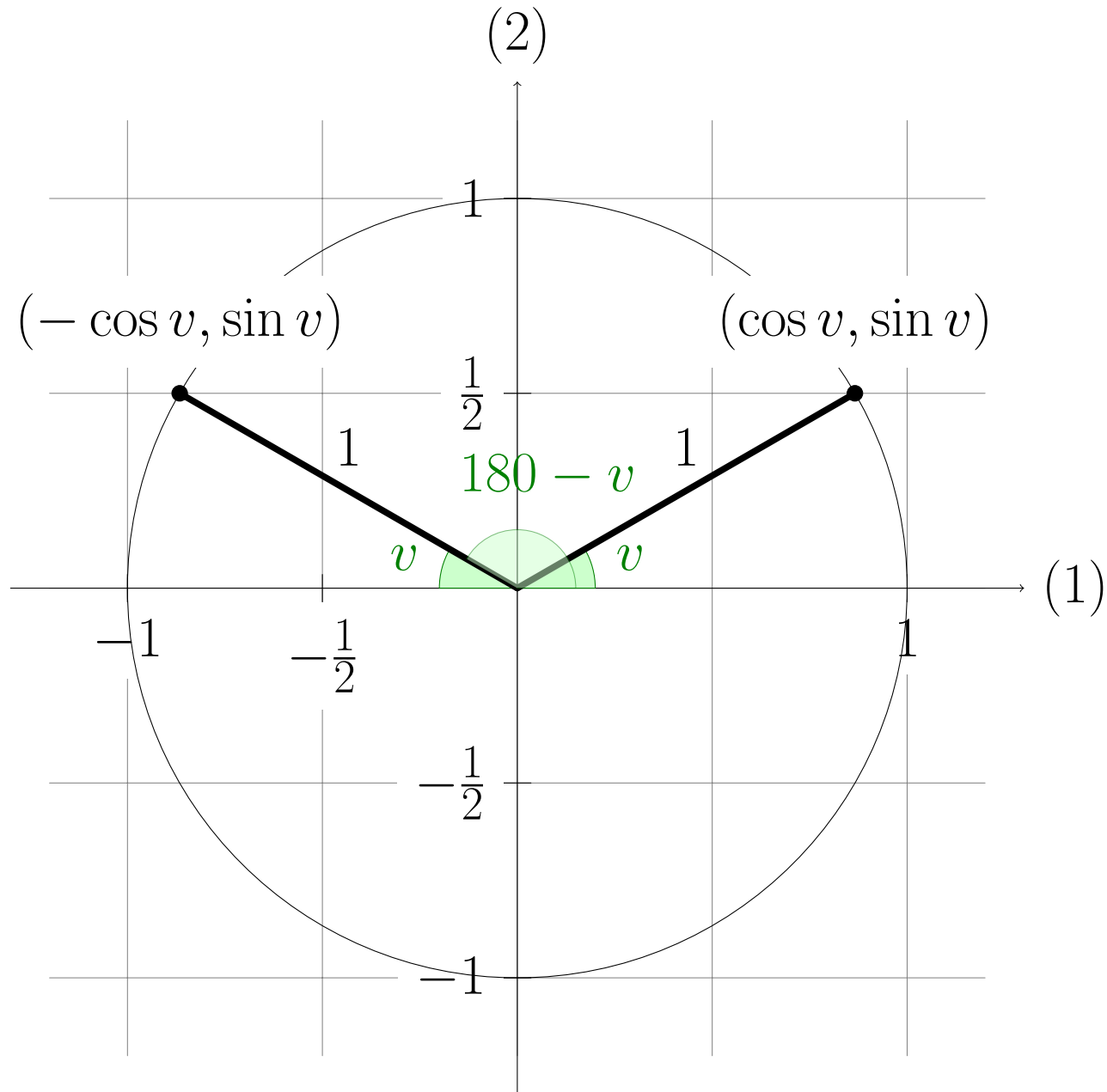
$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
 a^2 &= (b + x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b + x)^2 \\
 a^2 - (b + x)^2 &= c^2 - x^2 \\
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 a^2 &= c^2 + b^2 + 2bx
 \end{aligned}$$

Cosinusrelationerne



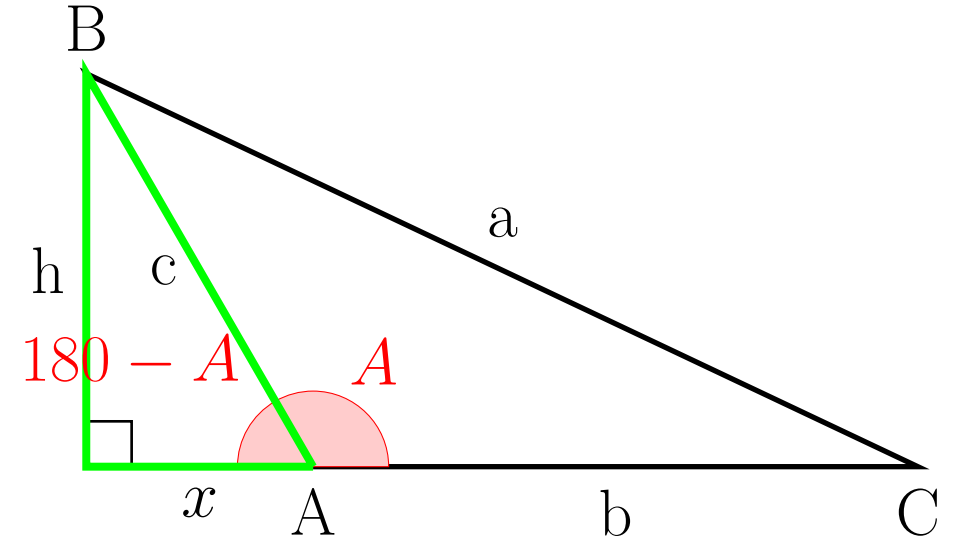
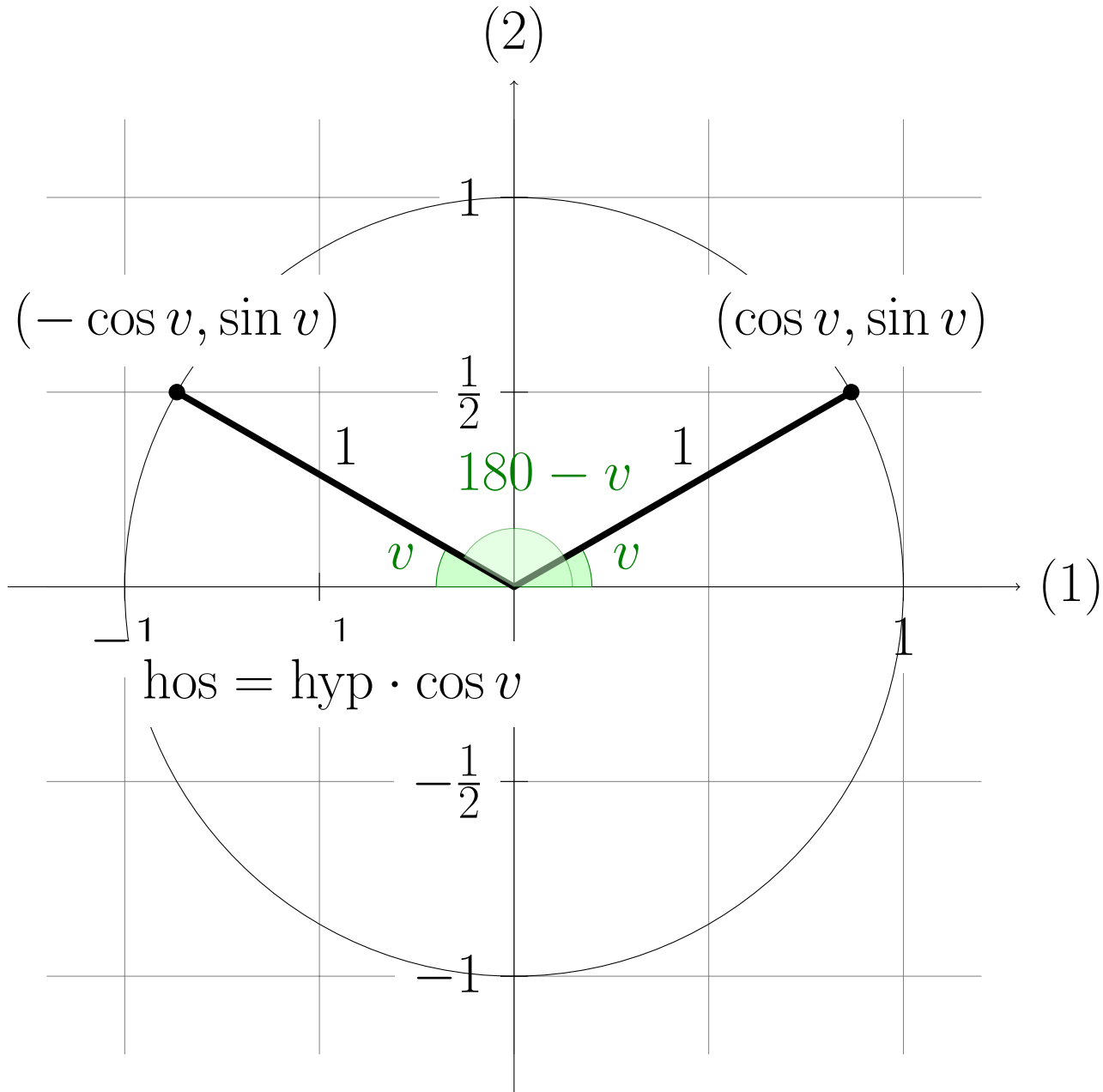
$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
 a^2 &= (b + x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b + x)^2 \\
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 a^2 &= c^2 + b^2 + 2bx
 \end{aligned}$$

Cosinusrelationerne



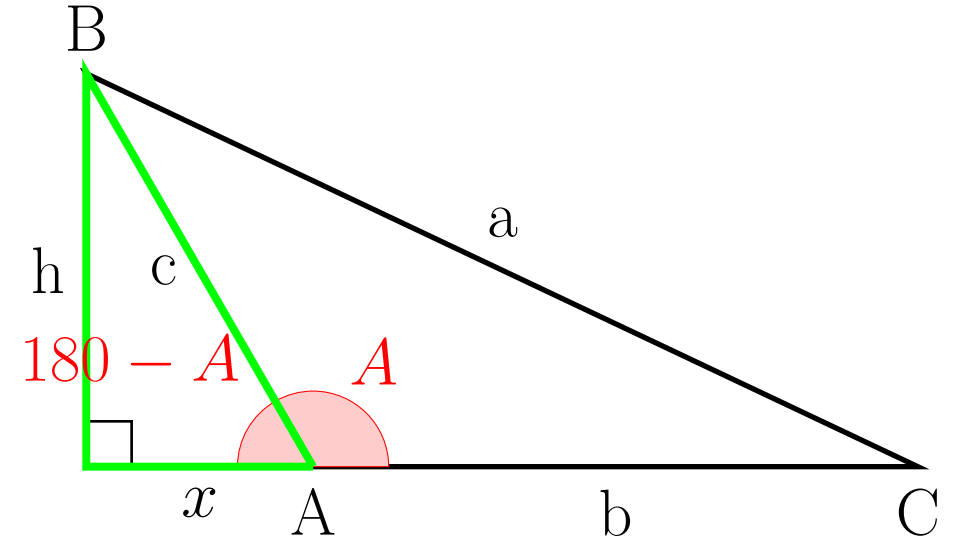
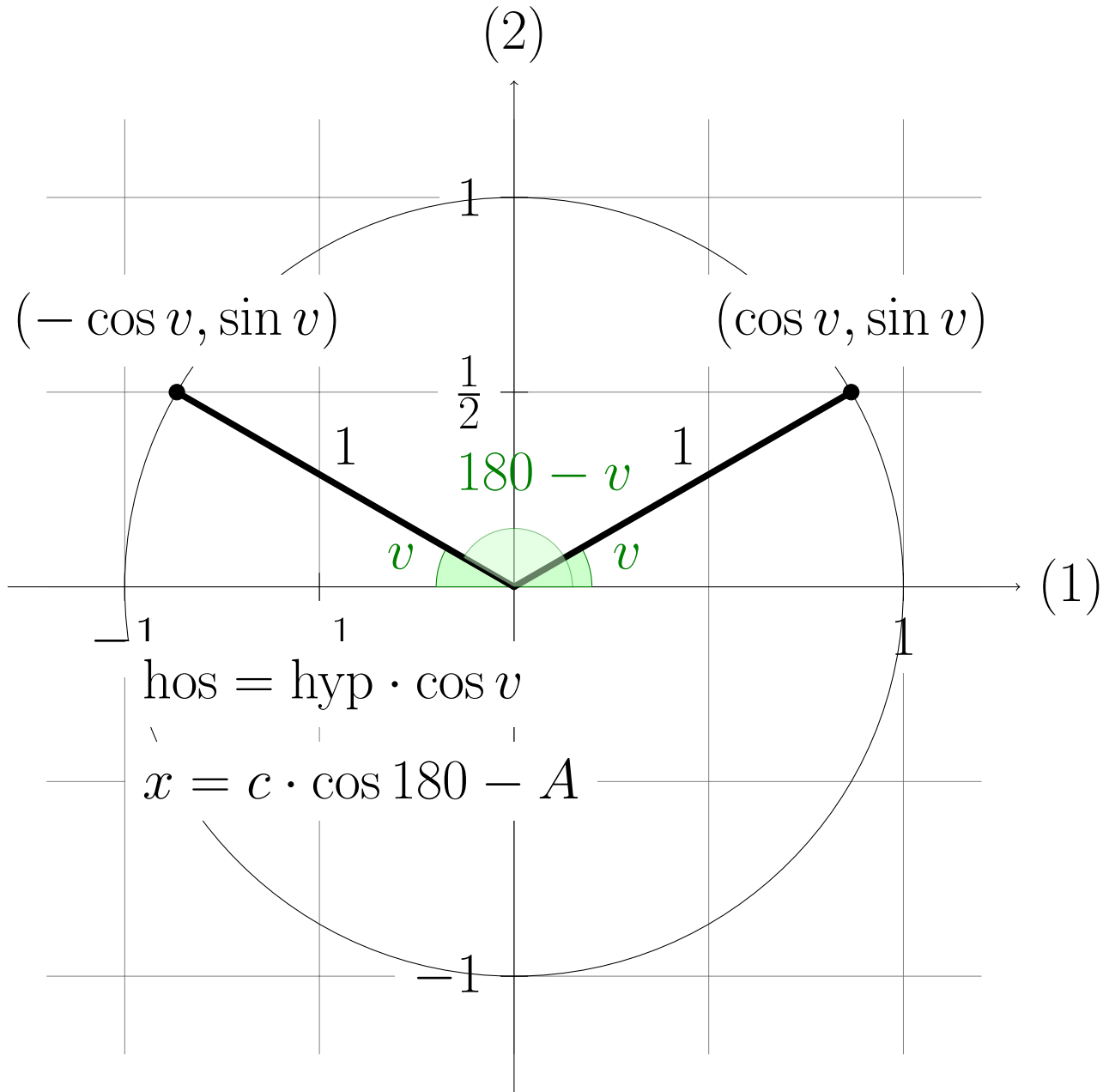
$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
 a^2 &= (b + x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b + x)^2 \\
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 a^2 - b^2 - x^2 - 2bx &= c^2 - x^2 \\
 a^2 &= c^2 + b^2 + 2bx
 \end{aligned}$$

Cosinusrelationerne



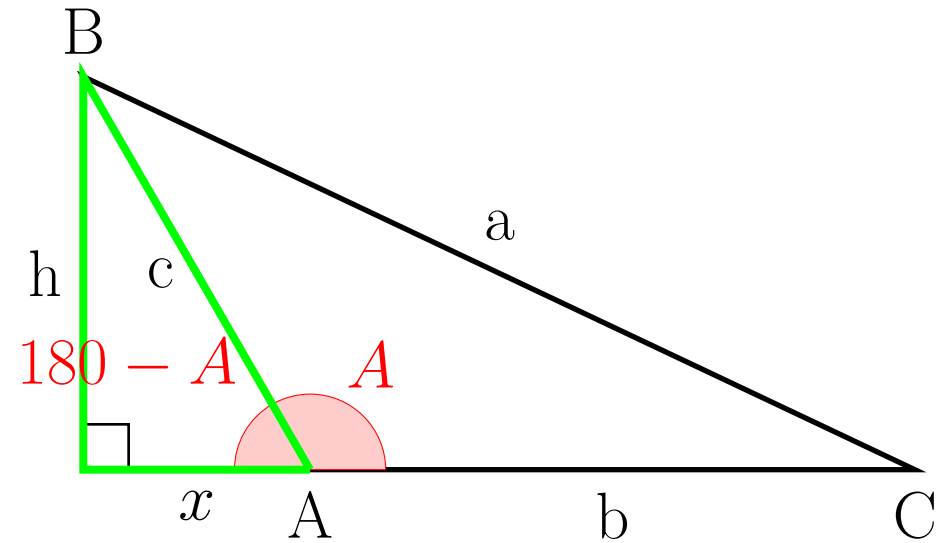
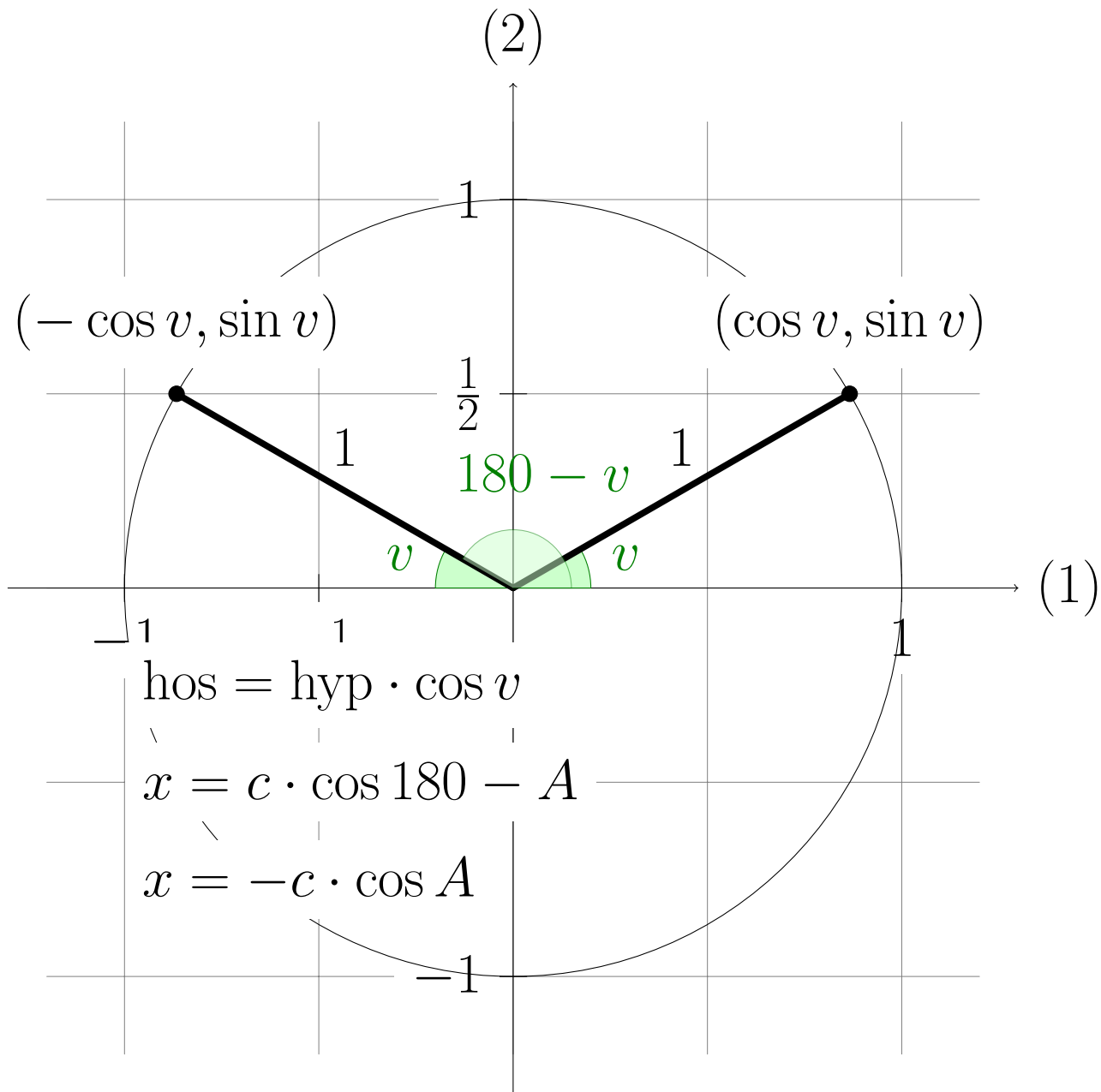
$$\begin{aligned} c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\ a^2 &= (b+x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b+x)^2 \\ a^2 - (b+x)^2 &= c^2 - x^2 \\ a^2 - (b^2 + x^2 + 2bx) &= c^2 - x^2 \\ a^2 - b^2 - x^2 - 2bx &= c^2 - x^2 \\ a^2 &= c^2 + b^2 + 2bx \end{aligned}$$

Cosinusrelationerne



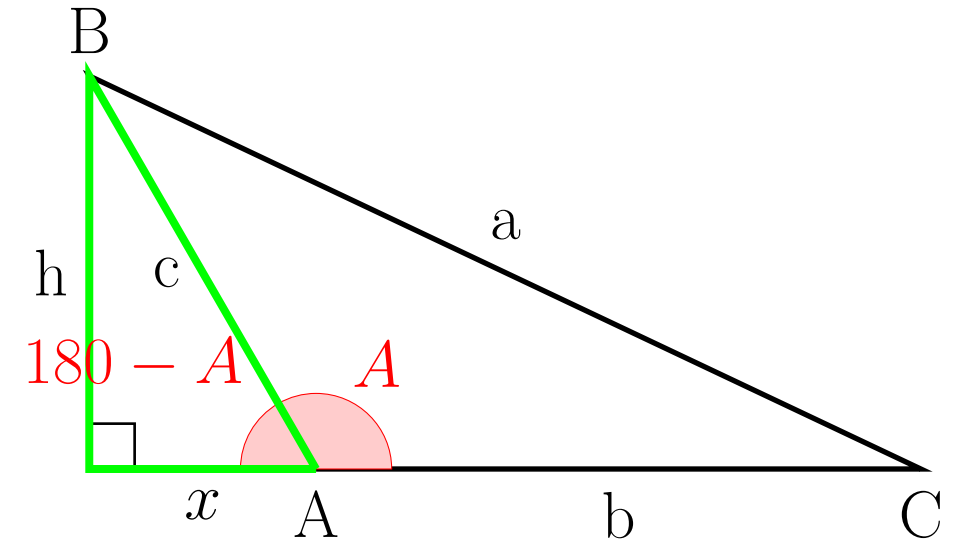
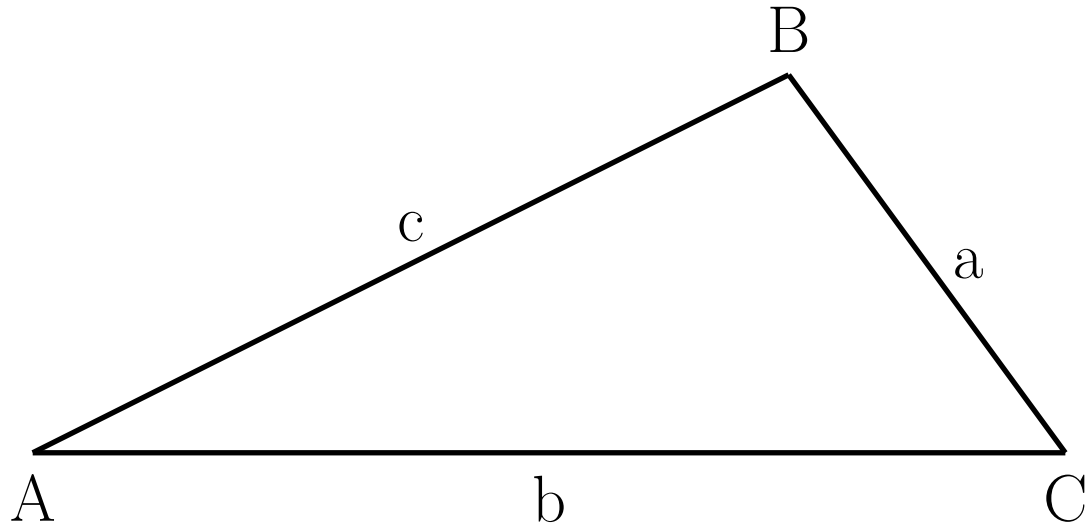
$$\begin{aligned} c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\ a^2 &= (b+x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b+x)^2 \\ a^2 - (b+x)^2 &= c^2 - x^2 \\ a^2 - (b^2 + x^2 + 2bx) &= c^2 - x^2 \\ a^2 - b^2 - x^2 - 2bx &= c^2 - x^2 \\ a^2 &= c^2 + b^2 + 2bx \end{aligned}$$

Cosinusrelationerne



$$\begin{aligned} c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\ a^2 &= (b+x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b+x)^2 \\ a^2 - (b+x)^2 &= c^2 - x^2 \\ a^2 - (b^2 + x^2 + 2bx) &= c^2 - x^2 \\ a^2 - b^2 - x^2 - 2bx &= c^2 - x^2 \\ a^2 &= c^2 + b^2 + 2bx \\ a^2 &= c^2 + b^2 - 2bc \cos A \end{aligned}$$

Cosinusrelationerne



$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
 a^2 &= (b - x)^2 + h^2 \Leftrightarrow h^2 = a^2 - (b - x)^2 \\
 a^2 - (b - x)^2 &= c^2 - x^2 \\
 a^2 - (b^2 + x^2 - 2bx) &= c^2 - x^2 \\
 a^2 - b^2 - x^2 + 2bx &= c^2 - x^2 \\
 a^2 &= c^2 + b^2 - 2bx \\
 a^2 &= c^2 + b^2 - 2bc \cos A
 \end{aligned}$$

$$\begin{aligned}
 c^2 &= h^2 + x^2 \Leftrightarrow h^2 = c^2 - x^2 \\
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 \end{aligned}$$