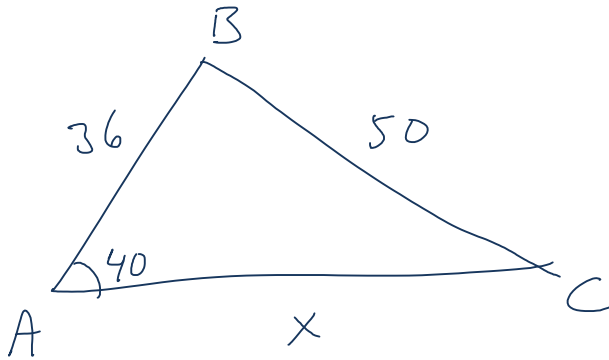


Principskiss



Triangeln entydigt bestämd ty $50 > 36$.

—
Sinussatsen ger

$$\frac{\sin 40}{50} = \frac{\sin C}{36}$$

\Leftrightarrow

$$\sin C = \frac{36 \cdot \sin 40}{50} \approx 0,46$$

\Leftrightarrow

$$C = 27,6^\circ$$

el

$$C = 180 - 27,6^\circ = 152,4^\circ \quad \text{förkastas}$$

($152,4 + 40 > 180$)

$$\text{Vinkel } B: 180 - 40 - 27,6 = 112,4^\circ$$

Sinussatsen

$$\frac{\sin 112,4}{x} = \frac{\sin 40}{50}$$

\Leftrightarrow

$$x = \frac{50 \cdot \sin 112,4}{\sin 40} \approx 71,9$$