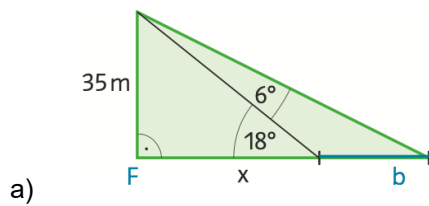
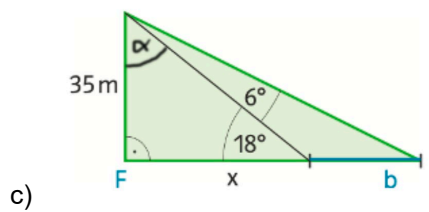


LÖSUNG ZU 895:



b) $\tan(18^\circ) = \frac{35}{x} \rightarrow x = \frac{35}{\tan(18^\circ)} \approx 107,7 \text{ m}$



$$\alpha = 90^\circ - 18^\circ = 72^\circ$$

$$\tan(72^\circ + 6^\circ) = \frac{x+b}{35} \rightarrow b = 35 \cdot \tan(72^\circ + 6^\circ) - x \approx 56,9 \text{ m}$$

Der Fluss ist rund 56,9 m breit.

