

1. x

=

2. x

=

3. x

=

4. x

=

5. 1. Seite $a = 7 \text{ cm}$

2. Seite $b = ?$

=

6. Winkel α : $2x$

Winkel β : x

Winkel γ : $2x + 10^\circ$

$$\alpha + \beta + \gamma = 180^\circ$$

$$2x + x + 2x + 10^\circ = 180^\circ$$

$$5x + 10^\circ = 180^\circ$$

$$5x = 170^\circ$$

$$x = 34^\circ$$

Die Winkel sind $\alpha = 68^\circ$, $\beta = 34^\circ$ und $\gamma = 78^\circ$.