



Dreiecke konstruieren

Konstruiere ein Dreieck aus den gegebenen Stücken.

1. $a = 9.8 \text{ cm}$ $\alpha = 128^\circ$ $\beta = 20^\circ$
2. $a = 6.4 \text{ cm}$ $\alpha = 115^\circ$ $\gamma = 30^\circ$
3. $a = 7.5 \text{ cm}$ $\beta = 87^\circ$ $\gamma = 67^\circ$
4. $b = 3.8 \text{ cm}$ $\alpha = 105^\circ$ $\beta = 41^\circ$
5. $b = 11.7 \text{ cm}$ $\alpha = 30^\circ$ $\gamma = 59^\circ$
6. $b = 4.1 \text{ cm}$ $\beta = 67^\circ$ $\gamma = 41^\circ$
7. $c = 3.7 \text{ cm}$ $\alpha = 102^\circ$ $\beta = 31^\circ$
8. $c = 9.4 \text{ cm}$ $\alpha = 26^\circ$ $\gamma = 60^\circ$
9. $c = 3.5 \text{ cm}$ $\beta = 43^\circ$ $\gamma = 22^\circ$
10. $a = 7.5 \text{ cm}$ $b = 10.5 \text{ cm}$ $\alpha = 46^\circ$
11. $a = 5.9 \text{ cm}$ $b = 3.6 \text{ cm}$ $\beta = 37^\circ$
12. $a = 7.0 \text{ cm}$ $b = 5.0 \text{ cm}$ $\gamma = 27^\circ$
13. $a = 6.5 \text{ cm}$ $c = 5.1 \text{ cm}$ $\alpha = 83^\circ$
14. $a = 8.5 \text{ cm}$ $c = 6.4 \text{ cm}$ $\beta = 53^\circ$
15. $a = 4.0 \text{ cm}$ $c = 2.9 \text{ cm}$ $\gamma = 46^\circ$
16. $b = 7.9 \text{ cm}$ $c = 8.5 \text{ cm}$ $\alpha = 68^\circ$
17. $b = 2.8 \text{ cm}$ $c = 3.7 \text{ cm}$ $\beta = 24^\circ$
18. $b = 8.5 \text{ cm}$ $c = 4.7 \text{ cm}$ $\gamma = 33^\circ$
19. $a = 7.2 \text{ cm}$ $b = 12.5 \text{ cm}$ $c = 12.4 \text{ cm}$