

## Klapptest

Bestimme jeweils die fehlenden Werte. Es gelten hierbei die üblichen Bezeichnungen.

1.  $a = 25,4\text{cm}$ ,  $c = 44,2\text{cm}$

2.  $c = 8,0\text{cm}$ ,  $\alpha = 40,0^\circ$

3.  $b = 280\text{m}$ ,  $\beta = 56,4^\circ$

4.  $a = 3,6\text{cm}$ ,  $b = 4,8\text{cm}$

5.  $c = 62,5\text{m}$ ,  $\beta = 36,8^\circ$

6.  $a = 5,0\text{cm}$ ,  $\alpha = 65,0^\circ$

7.  $b = 67,3\text{m}$ ,  $\alpha = 63,3^\circ$

8.  $b = 4,3\text{cm}$ ,  $c = 5,0\text{cm}$

9.  $a = 35,0\text{m}$ ,  $\beta = 77,5^\circ$

10.  $a = 15,8\text{m}$ ,  $c = 24,3\text{m}$

11.  $c = 6,4\text{km}$ ,  $\alpha = 32,0^\circ$

12.  $b = 28,4\text{m}$ ,  $\beta = 53,8^\circ$

13.  $a = 12,5\text{cm}$ ,  $b = 22,3\text{cm}$

14.  $c = 6,5\text{cm}$ ,  $\beta = 22,6^\circ$

15.  $a = 120\text{cm}$ ,  $\alpha = 41,2^\circ$

16.  $b = 24,5\text{m}$ ,  $\alpha = 62,1^\circ$

17.  $b = 39,2\text{cm}$ ,  $c = 56,4\text{cm}$

18.  $a = 47,0\text{m}$ ,  $\beta = 38,0^\circ$

19.  $a = 280\text{mm}$ ,  $c = 446\text{mm}$

20.  $c = 42,1\text{m}$ ,  $\alpha = 35,9^\circ$

$b = 36,1\text{cm}$ ,  $\alpha = 35,1^\circ$ ,  $\beta = 54,9^\circ$

$a = 5,1\text{cm}$ ,  $b = 6,1\text{cm}$ ,  $\beta = 50,0^\circ$

$a = 185\text{m}$ ,  $c = 336\text{m}$ ,  $\alpha = 33,6^\circ$

$c = 6,0\text{cm}$ ,  $\alpha = 36,9^\circ$ ,  $\beta = 53,1^\circ$

$a = 37,5\text{m}$ ,  $b = 50,0\text{m}$ ,  $\alpha = 53,2^\circ$

$b = 2,3\text{cm}$ ,  $c = 5,5\text{cm}$ ,  $\beta = 25,0^\circ$

$a = 134\text{m}$ ,  $c = 150\text{m}$ ,  $\beta = 26,7^\circ$

$a = 2,6\text{cm}$ ,  $\alpha = 30,7^\circ$ ,  $\beta = 59,3^\circ$

$b = 157,5\text{m}$ ,  $c = 161,7\text{m}$ ,  $\alpha = 12,5^\circ$

$b = 18,5\text{m}$ ,  $\alpha = 40,6^\circ$ ,  $\beta = 49,4^\circ$

$a = 3,4\text{km}$ ,  $b = 5,4\text{km}$ ,  $\beta = 58,0^\circ$

$a = 20,8\text{m}$ ,  $c = 35,2\text{m}$ ,  $\alpha = 36,2^\circ$

$c = 25,5\text{cm}$ ,  $\alpha = 29,3^\circ$ ,  $\beta = 60,7^\circ$

$a = 6,0\text{cm}$ ,  $b = 2,5\text{cm}$ ,  $\alpha = 67,4^\circ$

$b = 137\text{m}$ ,  $c = 182\text{m}$ ,  $\beta = 48,8^\circ$

$a = 46,3\text{m}$ ,  $c = 52,4\text{m}$ ,  $\beta = 27,9^\circ$

$a = 40,6\text{cm}$ ,  $\alpha = 46,0^\circ$ ,  $\beta = 44,0^\circ$

$b = 36,7\text{m}$ ,  $c = 59,6\text{m}$ ,  $\alpha = 52,0^\circ$

$b = 360\text{mm}$ ,  $\alpha = 37,9^\circ$ ,  $\beta = 52,1^\circ$

$a = 24,8\text{m}$ ,  $b = 34,2\text{m}$ ,  $\beta = 54,1^\circ$