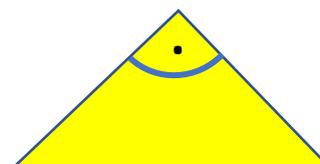


Pythagoras

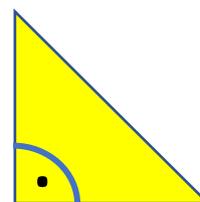
Berechne die fehlende Seite $\gamma = 90^\circ$

- | | | |
|----------------------|--------------------|---------|
| 1. $a = 5\text{cm}$ | $b = 11\text{ cm}$ | $c = ?$ |
| 2. $a = 14\text{cm}$ | $b = 8\text{cm}$ | $c = ?$ |
| 3. $a = 75\text{cm}$ | $b = 55\text{ cm}$ | $c = ?$ |
| 4. $a = 11\text{cm}$ | $b = 10\text{cm}$ | $c = ?$ |
| 5. $a = 17\text{cm}$ | $b = 15\text{cm}$ | $c = ?$ |
| 6. $a = 8\text{cm}$ | $b = 6\text{cm}$ | $c = ?$ |
| 7. $b = 5\text{cm}$ | $c = 7\text{cm}$ | $a = ?$ |
| 8. $b = 7\text{cm}$ | $c = 15\text{cm}$ | $a = ?$ |
| 9. $b = 11\text{cm}$ | $c = 20\text{cm}$ | $a = ?$ |



Berechne die fehlende Seite $\alpha = 90^\circ$

- | | | |
|----------------------|-------------------|---------|
| 1. $b = 24\text{cm}$ | $c = 11\text{cm}$ | $a = ?$ |
| 2. $b = 34\text{cm}$ | $c = 15\text{cm}$ | $a = ?$ |
| 3. $b = 25\text{cm}$ | $c = 14\text{cm}$ | $a = ?$ |
| 4. $a = 27\text{cm}$ | $b = 11\text{cm}$ | $c = ?$ |
| 5. $a = 17\text{cm}$ | $b = 10\text{cm}$ | $c = ?$ |
| 6. $a = 50\text{cm}$ | $b = 37\text{cm}$ | $c = ?$ |
| 7. $a = 27\text{cm}$ | $c = 15\text{cm}$ | $b = ?$ |
| 8. $a = 17\text{cm}$ | $c = 10\text{cm}$ | $b = ?$ |
| 9. $a = 37\text{cm}$ | $c = 17\text{cm}$ | $b = ?$ |



Lösungen $\gamma = 90^\circ$

1. 12,08cm
2. 16,12cm
3. 93,00cm
4. 14,87cm
5. 22,67cm
6. 10,00cm
7. 4,90cm
8. 13,27cm
9. 16,70cm

Lösungen $\alpha = 90^\circ$

1. 26,40cm
2. 37,16cm
3. 28,65cm
4. 24,66cm
5. 13,75cm
6. 33,63cm
7. 22,45cm
8. 13,75cm
9. 32,86cm