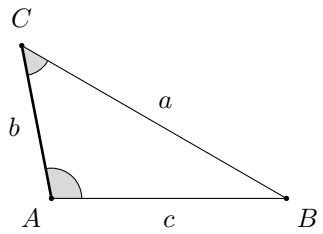
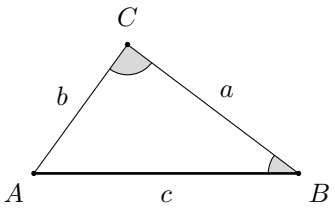
Sinus und Kosinus in allgemeinen Dreiecken

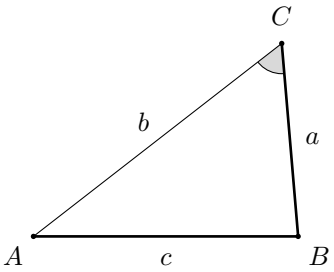
Bestimme die fehlenden Größen



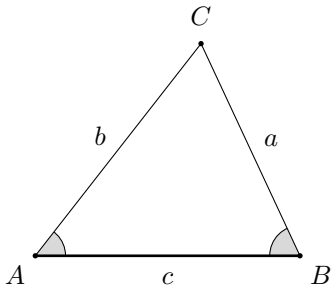
$a =$	$\alpha = 101°$
$b = 9{,}7\,\text{cm}$	$\beta =$
$c =$	$\gamma = 49°$



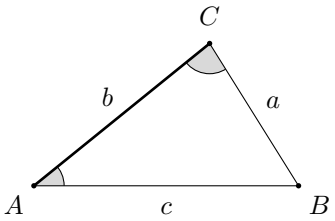
$a =$	$\alpha =$
$b =$	$\beta = 37°$
$c = 8{,}5\,\text{cm}$	$\gamma = 89°$



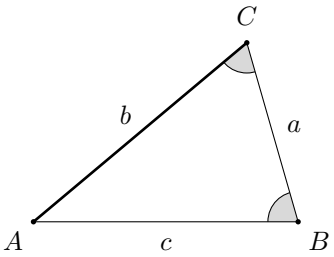
$a = 6\,\text{cm}$	$\alpha =$
$b =$	$\beta =$
$c = 8{,}2\,\text{cm}$	$\gamma = 57°$



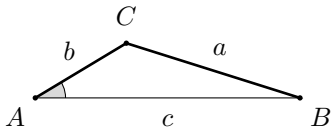
$a =$	$\alpha = 52°$
$b =$	$\beta = 65°$
$c = 9{,}6\,\text{cm}$	$\gamma =$



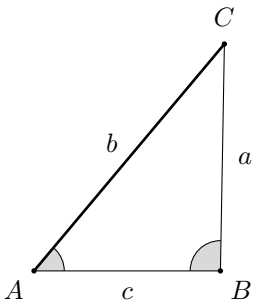
$a =$	$\alpha = 39°$
$b = 5{,}5\,\text{cm}$	$\beta =$
$c =$	$\gamma = 83°$



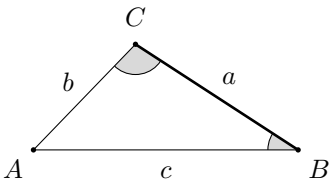
$a =$	$\alpha =$
$b = 5{,}6\,\text{cm}$	$\beta = 74°$
$c =$	$\gamma = 66°$



$a = 8{,}4\,\text{cm}$	$\alpha = 31°$
$b = 4{,}9\,\text{cm}$	$\beta =$
$c =$	$\gamma =$



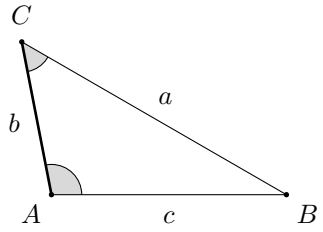
$a =$	$\alpha = 50°$
$b = 7{,}4\,\text{cm}$	$\beta = 91°$
$c =$	$\gamma =$



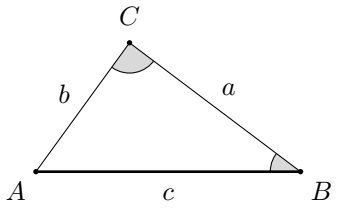
$a = 8{,}7\,\text{cm}$	$\alpha =$
$b =$	$\beta = 33°$
$c =$	$\gamma = 101°$

Sinus und Kosinus in allgemeinen Dreiecken

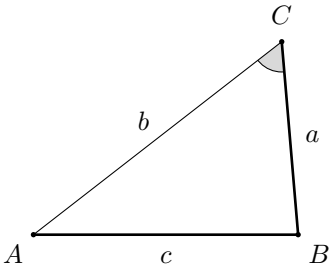
Lösungen (auf 3 Stellen gerundet)



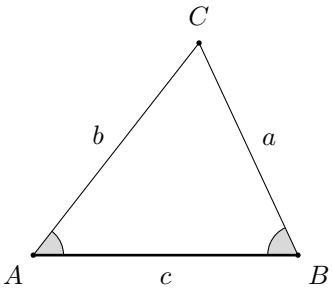
$a = 19{,}044\,\text{cm}$ $\alpha = 101°$
$b = 9{,}7\,\text{cm}$ $\beta = 30°$
$c = 14{,}641\,\text{cm}$ $\gamma = 49°$



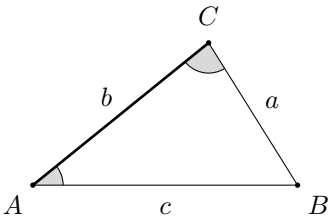
$a = 6{,}878\,\text{cm}$ $\alpha = 54°$
$b = 5{,}116\,\text{cm}$ $\beta = 37°$
$c = 8{,}5\,\text{cm}$ $\gamma = 89°$



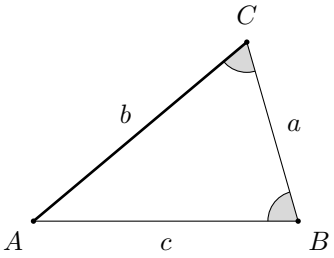
$a = 6\,\text{cm}$ $\alpha = 37{,}855°$
$b = 9{,}742\,\text{cm}$ $\beta = 85{,}145°$
$c = 8{,}2\,\text{cm}$ $\gamma = 57°$



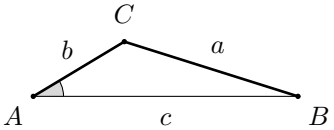
$a = 8{,}49\,\text{cm}$ $\alpha = 52°$
$b = 9{,}765\,\text{cm}$ $\beta = 65°$
$c = 9{,}6\,\text{cm}$ $\gamma = 63°$



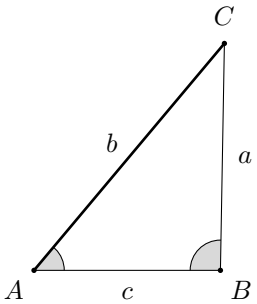
$a = 4{,}081\,\text{cm}$ $\alpha = 39°$
$b = 5{,}5\,\text{cm}$ $\beta = 58°$
$c = 6{,}437\,\text{cm}$ $\gamma = 83°$



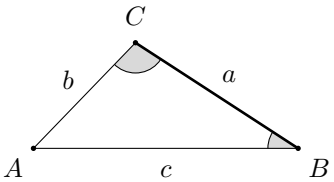
$a = 3{,}745\,\text{cm}$ $\alpha = 40°$
$b = 5{,}6\,\text{cm}$ $\beta = 74°$
$c = 5{,}322\,\text{cm}$ $\gamma = 66°$



$a = 8{,}4\,\text{cm}$ $\alpha = 31°$
$b = 4{,}9\,\text{cm}$ $\beta = 17{,}484°$
$c = 12{,}212\,\text{cm}$ $\gamma = 131{,}516°$



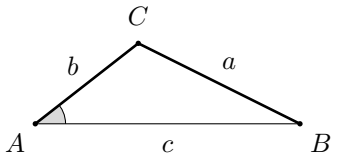
$a = 5{,}67\,\text{cm}$ $\alpha = 50°$
$b = 7{,}4\,\text{cm}$ $\beta = 91°$
$c = 4{,}658\,\text{cm}$ $\gamma = 39°$



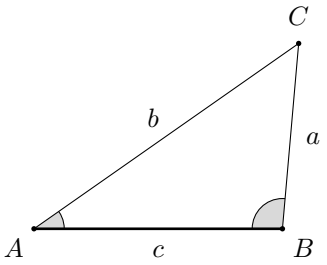
$a = 8{,}7\,\text{cm}$ $\alpha = 46°$
$b = 6{,}587\,\text{cm}$ $\beta = 33°$
$c = 11{,}872\,\text{cm}$ $\gamma = 101°$

Sinus und Kosinus in allgemeinen Dreiecken

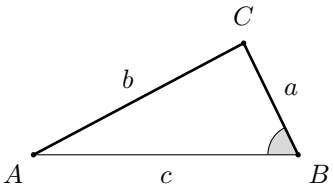
Bestimme die fehlenden Größen



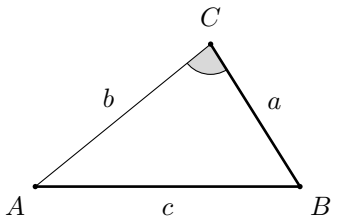
$a = 7{,}6\,\text{cm}$ $\quad \alpha = 38°$
$b = 5{,}5\,\text{cm}$ $\quad \beta =$
$c =$ $\quad \gamma =$



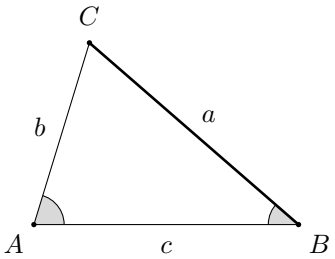
$a =$ $\quad \alpha = 35°$
$b =$ $\quad \beta = 95°$
$c = 4{,}9\,\text{cm}$ $\quad \gamma =$



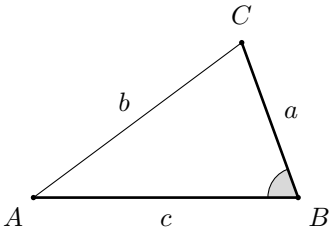
$a = 3{,}6\,\text{cm}$ $\quad \alpha =$
$b = 6{,}9\,\text{cm}$ $\quad \beta = 64°$
$c =$ $\quad \gamma =$



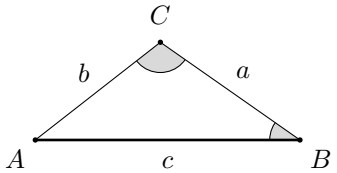
$a = 5{,}4\,\text{cm}$ $\quad \alpha =$
$b =$ $\quad \beta =$
$c = 8{,}5\,\text{cm}$ $\quad \gamma = 83°$



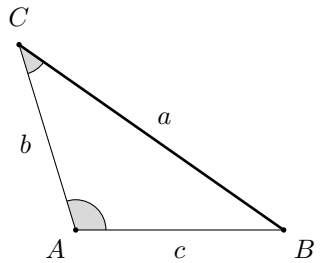
$a = 4{,}2\,\text{cm}$ $\quad \alpha = 73°$
$b =$ $\quad \beta = 41°$
$c =$ $\quad \gamma =$



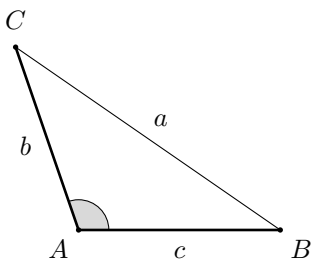
$a = 3{,}8\,\text{cm}$ $\quad \alpha =$
$b =$ $\quad \beta = 70°$
$c = 6{,}1\,\text{cm}$ $\quad \gamma =$



$a =$ $\quad \alpha =$
$b =$ $\quad \beta = 35°$
$c = 4{,}9\,\text{cm}$ $\quad \gamma = 107°$



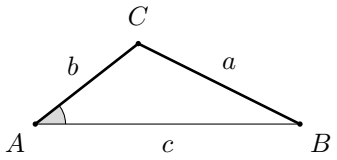
$a = 8\,\text{cm}$ $\quad \alpha = 107°$
$b =$ $\quad \beta =$
$c =$ $\quad \gamma = 38°$



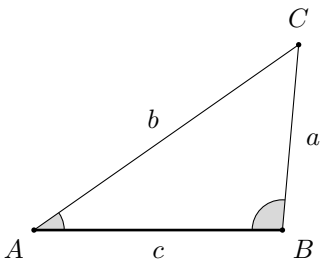
$a =$ $\quad \alpha = 109°$
$b = 9{,}3\,\text{cm}$ $\quad \beta =$
$c = 9{,}7\,\text{cm}$ $\quad \gamma =$

Sinus und Kosinus in allgemeinen Dreiecken

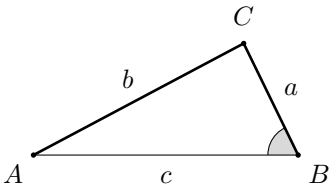
Lösungen (auf 3 Stellen gerundet)



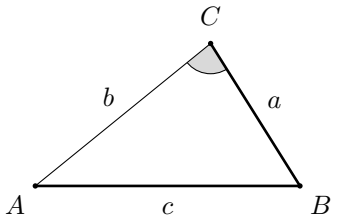
$a = 7{,}6\,\text{cm}$ $\quad \alpha = 38°$
$b = 5{,}5\,\text{cm}$ $\quad \beta = 26{,}458°$
$c = 11{,}138\,\text{cm}$ $\quad \gamma = 115{,}542°$



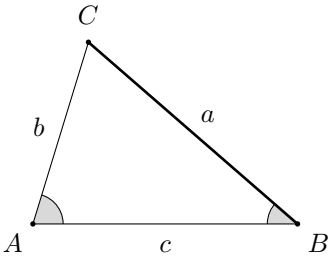
$a = 3{,}669\,\text{cm}$ $\quad \alpha = 35°$
$b = 6{,}372\,\text{cm}$ $\quad \beta = 95°$
$c = 4{,}9\,\text{cm}$ $\quad \gamma = 50°$



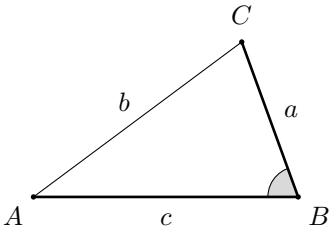
$a = 3{,}6\,\text{cm}$ $\quad \alpha = 27{,}965°$
$b = 6{,}9\,\text{cm}$ $\quad \beta = 64°$
$c = 7{,}672\,\text{cm}$ $\quad \gamma = 88{,}035°$



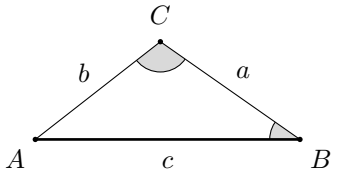
$a = 5{,}4\,\text{cm}$ $\quad \alpha = 39{,}091°$
$b = 7{,}255\,\text{cm}$ $\quad \beta = 57{,}909°$
$c = 8{,}5\,\text{cm}$ $\quad \gamma = 83°$



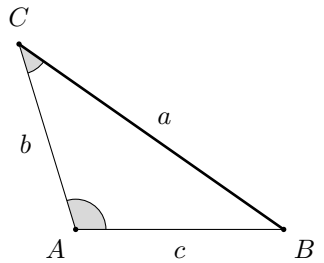
$a = 4{,}2\,\text{cm}$ $\quad \alpha = 73°$
$b = 2{,}881\,\text{cm}$ $\quad \beta = 41°$
$c = 4{,}012\,\text{cm}$ $\quad \gamma = 66°$



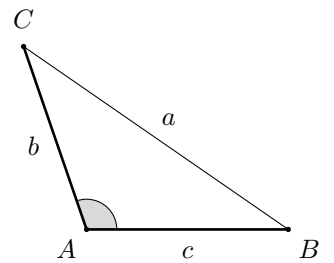
$a = 3{,}8\,\text{cm}$ $\quad \alpha = 36{,}645°$
$b = 5{,}983\,\text{cm}$ $\quad \beta = 70°$
$c = 6{,}1\,\text{cm}$ $\quad \gamma = 73{,}355°$



$a = 3{,}155\,\text{cm}$ $\quad \alpha = 38°$
$b = 2{,}939\,\text{cm}$ $\quad \beta = 35°$
$c = 4{,}9\,\text{cm}$ $\quad \gamma = 107°$



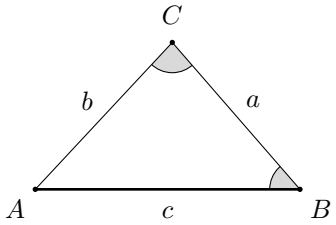
$a = 8\,\text{cm}$ $\quad \alpha = 107°$
$b = 4{,}798\,\text{cm}$ $\quad \beta = 35°$
$c = 5{,}15\,\text{cm}$ $\quad \gamma = 38°$



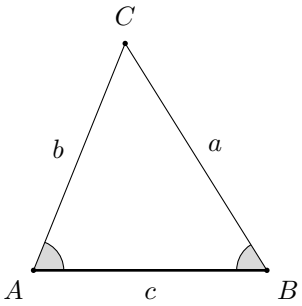
$a = 15{,}47\,\text{cm}$ $\quad \alpha = 109°$
$b = 9{,}3\,\text{cm}$ $\quad \beta = 34{,}64°$
$c = 9{,}7\,\text{cm}$ $\quad \gamma = 36{,}36°$

Sinus und Kosinus in allgemeinen Dreiecken

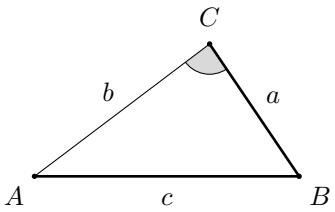
Bestimme die fehlenden Größen



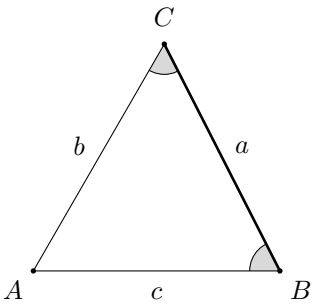
$a =$ $\alpha =$
$b =$ $\beta = 49°$
$c = 7{,}9\,\text{cm}$ $\gamma = 84°$



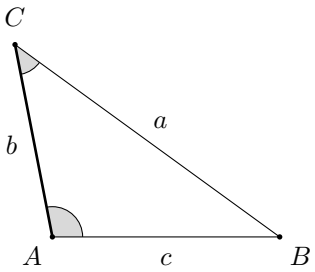
$a =$ $\alpha = 68°$
$b =$ $\beta = 58°$
$c = 6{,}6\,\text{cm}$ $\gamma =$



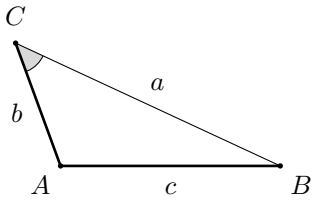
$a = 3{,}2\,\text{cm}$ $\alpha =$
$b =$ $\beta =$
$c = 5{,}3\,\text{cm}$ $\gamma = 87°$



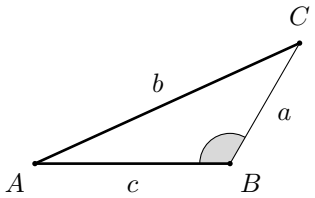
$a = 3{,}4\,\text{cm}$ $\alpha =$
$b =$ $\beta = 63°$
$c =$ $\gamma = 57°$



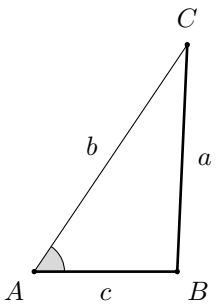
$a =$ $\alpha = 101°$
$b = 6\,\text{cm}$ $\beta =$
$c =$ $\gamma = 43°$



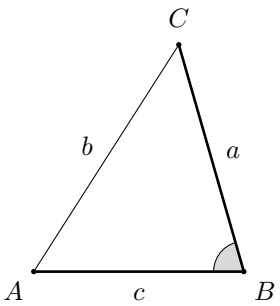
$a =$ $\alpha =$
$b = 5\,\text{cm}$ $\beta =$
$c = 8{,}4\,\text{cm}$ $\gamma = 45°$



$a =$ $\alpha =$
$b = 7{,}9\,\text{cm}$ $\beta = 120°$
$c = 5{,}3\,\text{cm}$ $\gamma =$



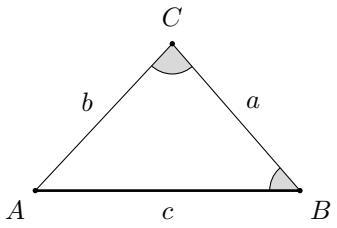
$a = 5{,}4\,\text{cm}$ $\alpha = 56°$
$b =$ $\beta =$
$c = 3{,}4\,\text{cm}$ $\gamma =$



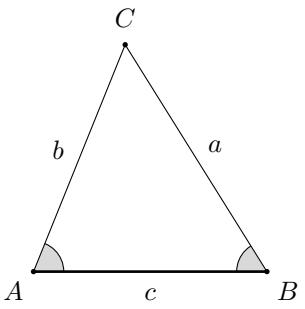
$a = 8{,}2\,\text{cm}$ $\alpha =$
$b =$ $\beta = 74°$
$c = 7{,}3\,\text{cm}$ $\gamma =$

Sinus und Kosinus in allgemeinen Dreiecken

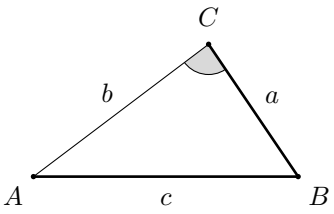
Lösungen (auf 3 Stellen gerundet)



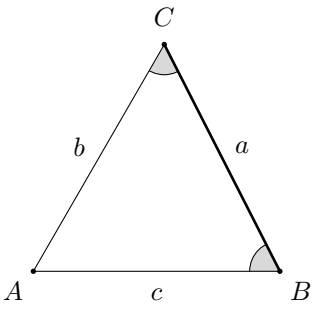
$a = 5{,}81\,\text{cm}$ $\alpha = 47°$
$b = 5{,}995\,\text{cm}$ $\beta = 49°$
$c = 7{,}9\,\text{cm}$ $\gamma = 84°$



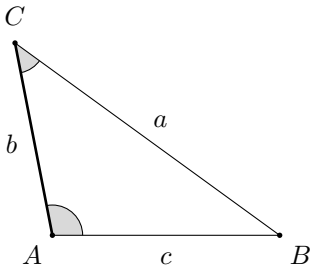
$a = 7{,}564\,\text{cm}$ $\alpha = 68°$
$b = 6{,}918\,\text{cm}$ $\beta = 58°$
$c = 6{,}6\,\text{cm}$ $\gamma = 54°$



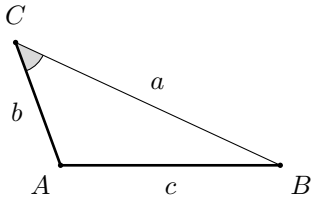
$a = 3{,}2\,\text{cm}$ $\alpha = 37{,}081°$
$b = 4{,}396\,\text{cm}$ $\beta = 55{,}919°$
$c = 5{,}3\,\text{cm}$ $\gamma = 87°$



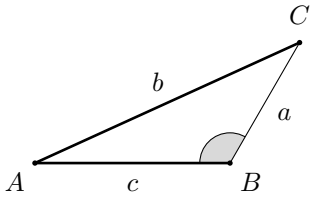
$a = 3{,}4\,\text{cm}$ $\alpha = 60°$
$b = 3{,}498\,\text{cm}$ $\beta = 63°$
$c = 3{,}293\,\text{cm}$ $\gamma = 57°$



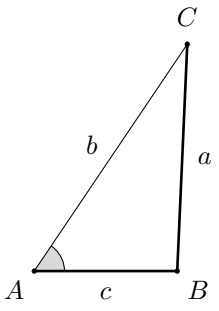
$a = 10{,}02\,\text{cm}$ $\alpha = 101°$
$b = 6\,\text{cm}$ $\beta = 36°$
$c = 6{,}962\,\text{cm}$ $\gamma = 43°$



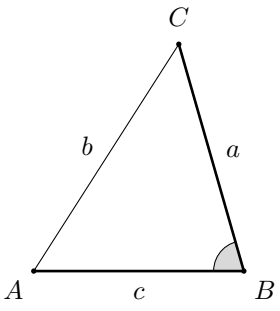
$a = 11{,}155\,\text{cm}$ $\alpha = 110{,}109°$
$b = 5\,\text{cm}$ $\beta = 24{,}891°$
$c = 8{,}4\,\text{cm}$ $\gamma = 45°$



$a = 3{,}78\,\text{cm}$ $\alpha = 24{,}479°$
$b = 7{,}9\,\text{cm}$ $\beta = 120°$
$c = 5{,}3\,\text{cm}$ $\gamma = 35{,}521°$



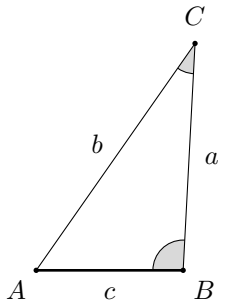
$a = 5{,}4\,\text{cm}$ $\alpha = 56°$
$b = 6{,}507\,\text{cm}$ $\beta = 92{,}534°$
$c = 3{,}4\,\text{cm}$ $\gamma = 31{,}466°$



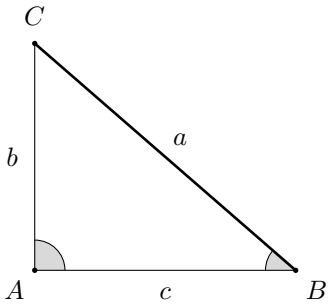
$a = 8{,}2\,\text{cm}$ $\alpha = 57{,}406°$
$b = 9{,}356\,\text{cm}$ $\beta = 74°$
$c = 7{,}3\,\text{cm}$ $\gamma = 48{,}594°$

Sinus und Kosinus in allgemeinen Dreiecken

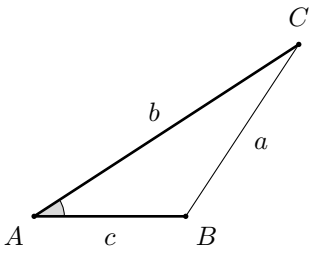
Bestimme die fehlenden Größen



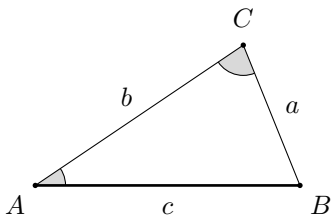
$a =$ $\alpha =$
$b =$ $\beta = 93°$
$c = 5{,}9\,\text{cm}$ $\gamma = 32°$



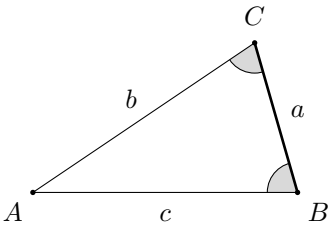
$a = 9{,}7\,\text{cm}$ $\alpha = 90°$
$b =$ $\beta = 41°$
$c =$ $\gamma =$



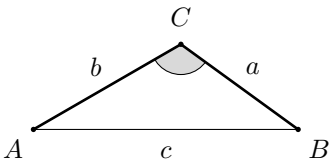
$a =$ $\alpha = 33°$
$b = 7{,}7\,\text{cm}$ $\beta =$
$c = 3{,}7\,\text{cm}$ $\gamma =$



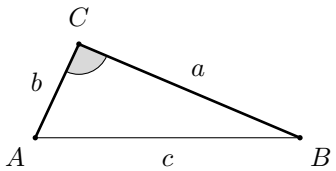
$a =$ $\alpha = 34°$
$b =$ $\beta =$
$c = 6\,\text{cm}$ $\gamma = 78°$



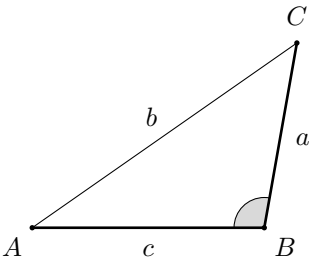
$a = 8{,}1\,\text{cm}$ $\alpha =$
$b =$ $\beta = 74°$
$c =$ $\gamma = 72°$



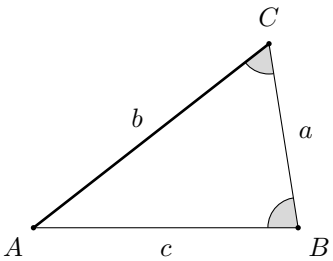
$a = 5{,}7\,\text{cm}$ $\alpha =$
$b = 6{,}7\,\text{cm}$ $\beta =$
$c =$ $\gamma = 114°$



$a = 7{,}9\,\text{cm}$ $\alpha =$
$b = 3{,}4\,\text{cm}$ $\beta =$
$c =$ $\gamma = 92°$



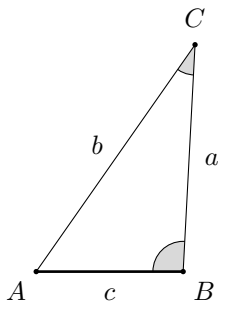
$a = 3{,}8\,\text{cm}$ $\alpha =$
$b =$ $\beta = 100°$
$c = 4{,}7\,\text{cm}$ $\gamma =$



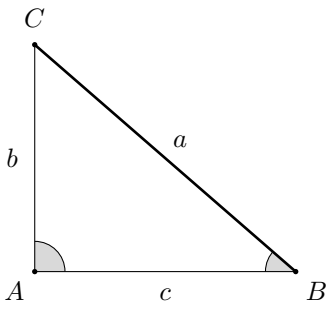
$a =$ $\alpha =$
$b = 8{,}7\,\text{cm}$ $\beta = 81°$
$c =$ $\gamma = 61°$

Sinus und Kosinus in allgemeinen Dreiecken

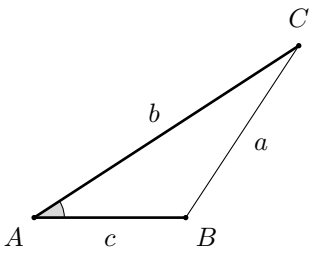
Lösungen (auf 3 Stellen gerundet)



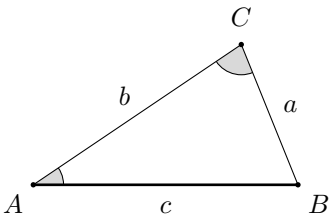
$a = 9{,}12\,\text{cm}$ $\alpha = 55°$
$b = 11{,}119\,\text{cm}$ $\beta = 93°$
$c = 5{,}9\,\text{cm}$ $\gamma = 32°$



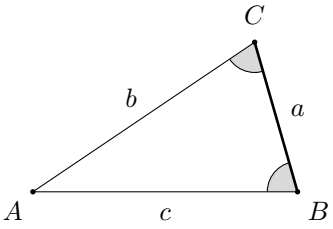
$a = 9{,}7\,\text{cm}$ $\alpha = 90°$
$b = 6{,}364\,\text{cm}$ $\beta = 41°$
$c = 7{,}321\,\text{cm}$ $\gamma = 49°$



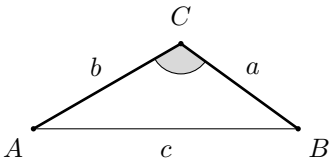
$a = 5{,}019\,\text{cm}$ $\alpha = 33°$
$b = 7{,}7\,\text{cm}$ $\beta = 123{,}329°$
$c = 3{,}7\,\text{cm}$ $\gamma = 23{,}671°$



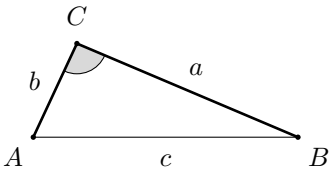
$a = 3{,}43\,\text{cm}$ $\alpha = 34°$
$b = 5{,}687\,\text{cm}$ $\beta = 68°$
$c = 6\,\text{cm}$ $\gamma = 78°$



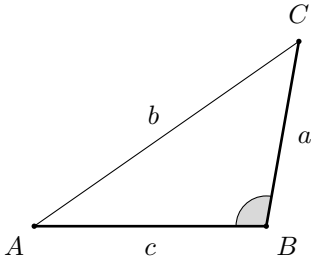
$a = 8{,}1\,\text{cm}$ $\alpha = 34°$
$b = 13{,}924\,\text{cm}$ $\beta = 74°$
$c = 13{,}776\,\text{cm}$ $\gamma = 72°$



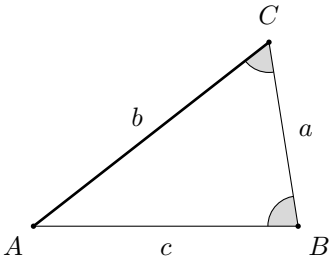
$a = 5{,}7\,\text{cm}$ $\alpha = 30{,}002°$
$b = 6{,}7\,\text{cm}$ $\beta = 35{,}998°$
$c = 10{,}414\,\text{cm}$ $\gamma = 114°$



$a = 7{,}9\,\text{cm}$ $\alpha = 65{,}035°$
$b = 3{,}4\,\text{cm}$ $\beta = 22{,}965°$
$c = 8{,}709\,\text{cm}$ $\gamma = 92°$



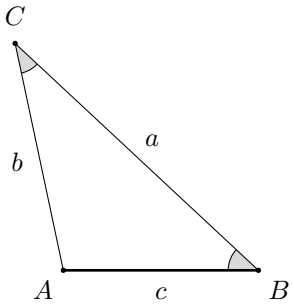
$a = 3{,}8\,\text{cm}$ $\alpha = 34{,}923°$
$b = 6{,}537\,\text{cm}$ $\beta = 100°$
$c = 4{,}7\,\text{cm}$ $\gamma = 45{,}077°$



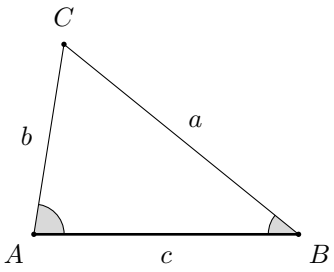
$a = 5{,}423\,\text{cm}$ $\alpha = 38°$
$b = 8{,}7\,\text{cm}$ $\beta = 81°$
$c = 7{,}704\,\text{cm}$ $\gamma = 61°$

Sinus und Kosinus in allgemeinen Dreiecken

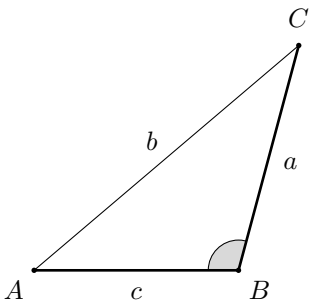
Bestimme die fehlenden Größen



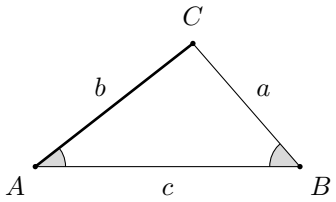
$a =$ $\alpha =$
$b =$ $\beta = 43°$
$c = 6{,}7\,\text{cm}$ $\gamma = 35°$



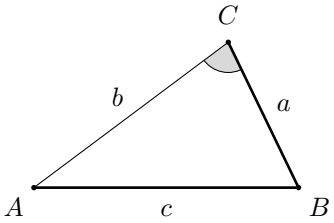
$a =$ $\alpha = 81°$
$b =$ $\beta = 39°$
$c = 9{,}4\,\text{cm}$ $\gamma =$



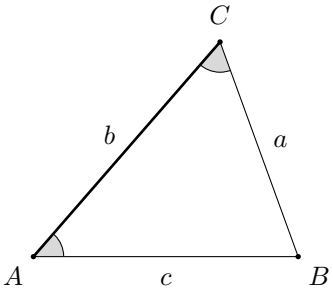
$a = 4{,}1\,\text{cm}$ $\alpha =$
$b =$ $\beta = 105°$
$c = 3{,}6\,\text{cm}$ $\gamma =$



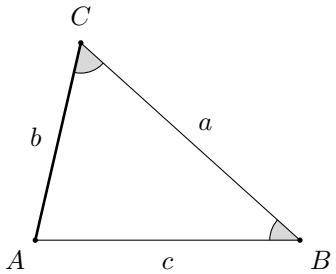
$a =$ $\alpha = 38°$
$b = 9{,}5\,\text{cm}$ $\beta = 49°$
$c =$ $\gamma =$



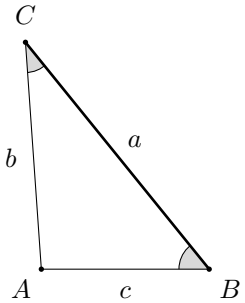
$a = 3{,}6\,\text{cm}$ $\alpha =$
$b =$ $\beta =$
$c = 5{,}9\,\text{cm}$ $\gamma = 79°$



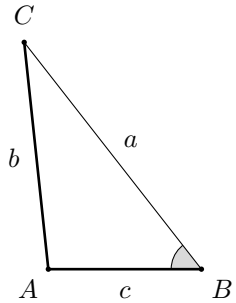
$a =$ $\alpha = 49°$
$b = 3{,}4\,\text{cm}$ $\beta =$
$c =$ $\gamma = 61°$



$a =$ $\alpha =$
$b = 3{,}9\,\text{cm}$ $\beta = 42°$
$c =$ $\gamma = 61°$



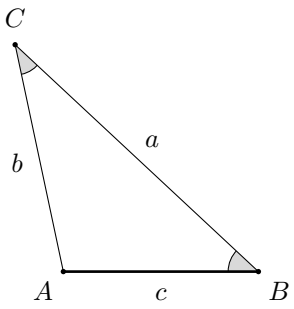
$a = 9{,}6\,\text{cm}$ $\alpha =$
$b =$ $\beta = 51°$
$c =$ $\gamma = 35°$



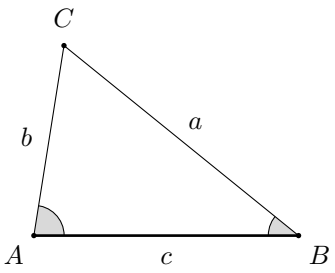
$a =$ $\alpha =$
$b = 7{,}6\,\text{cm}$ $\beta = 52°$
$c = 5{,}1\,\text{cm}$ $\gamma =$

Sinus und Kosinus in allgemeinen Dreiecken

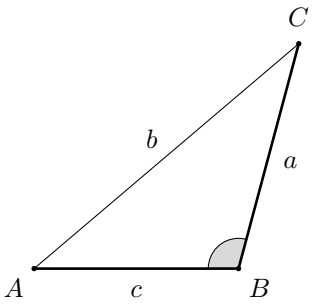
Lösungen (auf 3 Stellen gerundet)



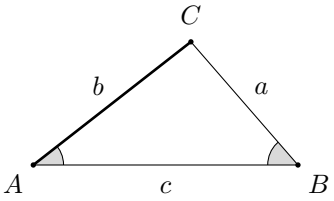
$a = 11{,}426\,\text{cm}$ $\alpha = 102°$
$b = 7{,}966\,\text{cm}$ $\beta = 43°$
$c = 6{,}7\,\text{cm}$ $\gamma = 35°$



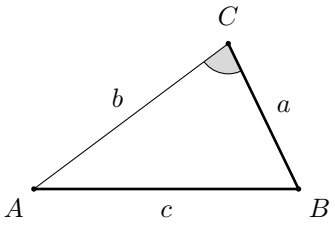
$a = 10{,}721\,\text{cm}$ $\alpha = 81°$
$b = 6{,}831\,\text{cm}$ $\beta = 39°$
$c = 9{,}4\,\text{cm}$ $\gamma = 60°$



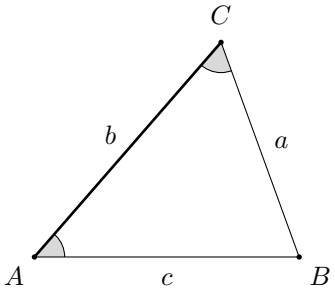
$a = 4{,}1\,\text{cm}$ $\alpha = 40{,}352°$
$b = 6{,}116\,\text{cm}$ $\beta = 105°$
$c = 3{,}6\,\text{cm}$ $\gamma = 34{,}648°$



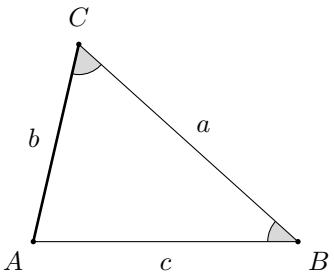
$a = 7{,}75\,\text{cm}$ $\alpha = 38°$
$b = 9{,}5\,\text{cm}$ $\beta = 49°$
$c = 12{,}57\,\text{cm}$ $\gamma = 93°$



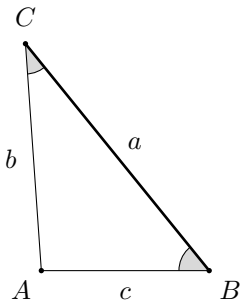
$a = 3{,}6\,\text{cm}$ $\alpha = 36{,}795°$
$b = 5{,}412\,\text{cm}$ $\beta = 64{,}205°$
$c = 5{,}9\,\text{cm}$ $\gamma = 79°$



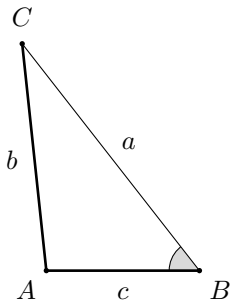
$a = 2{,}731\,\text{cm}$ $\alpha = 49°$
$b = 3{,}4\,\text{cm}$ $\beta = 70°$
$c = 3{,}165\,\text{cm}$ $\gamma = 61°$



$a = 5{,}679\,\text{cm}$ $\alpha = 77°$
$b = 3{,}9\,\text{cm}$ $\beta = 42°$
$c = 5{,}098\,\text{cm}$ $\gamma = 61°$



$a = 9{,}6\,\text{cm}$ $\alpha = 94°$
$b = 7{,}479\,\text{cm}$ $\beta = 51°$
$c = 5{,}52\,\text{cm}$ $\gamma = 35°$



$a = 9{,}59\,\text{cm}$ $\alpha = 96{,}076°$
$b = 7{,}6\,\text{cm}$ $\beta = 52°$
$c = 5{,}1\,\text{cm}$ $\gamma = 31{,}924°$