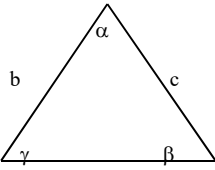
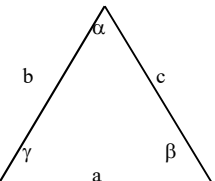
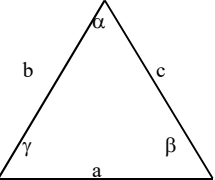
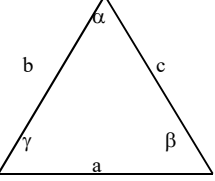
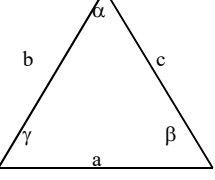
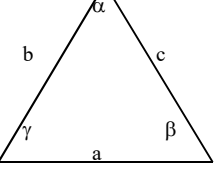


# Računanje trokuta iz dviju mjerenih duljina stranica i kuta između njih

Trigonometrijski obrazac br. 14 - cos

## Računanje trokuta iz dviju mjerenih duljina stranica i kuta između njih

Skica	Mjerene veličine $\alpha, b, c$ Računate veličine $a, \beta, \gamma$ Kontrola $\alpha + \beta + \gamma = 180^\circ$						
							$a^2 = b^2 + c^2 - 2bc \cos \alpha$ $\cos \beta = \frac{a^2 + c^2 - b^2}{2ac}$ $\cos \gamma = \frac{a^2 + b^2 - c^2}{2ab}$
AS							
	$\alpha$	57	31	45	b	219,35	$b^2$
	$\beta$				c	215,28	$c^2$
	$\gamma$						$\cos \alpha$
	$\Sigma$						$2bc \cos \alpha$
							$a^2$
					a		a
	$\alpha$	51	21	36	b	165,78	$b^2$
	$\beta$				c	131,25	$c^2$
	$\gamma$						$\cos \alpha$
	$\Sigma$						$2bc \cos \alpha$
							$a^2$
					a		a
	$\alpha$	39	48	36	b	181,49	$b^2$
	$\beta$				c	180,36	$c^2$
	$\gamma$						$\cos \alpha$
	$\Sigma$						$2bc \cos \alpha$
							$a^2$
					a		a
	$\alpha$	45	21	15	b	113,56	$b^2$
	$\beta$				c	118,69	$c^2$
	$\gamma$						$\cos \alpha$
	$\Sigma$						$2bc \cos \alpha$
							$a^2$
					a		a
	$\alpha$	84	27	15	b	148,89	$b^2$
	$\beta$				c	151,26	$c^2$
	$\gamma$						$\cos \alpha$
	$\Sigma$						$2bc \cos \alpha$
							$a^2$
					a		a