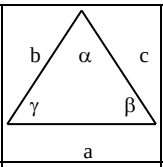
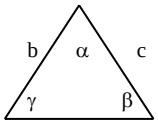
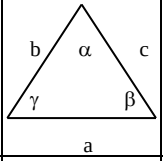
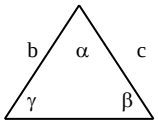
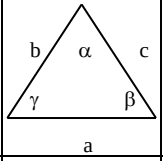
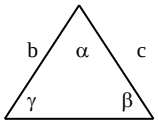
Primer 1

Trigonometrijski obrazac br.14							
Redni broj računanja i skica trougla	Strane i uglovi su uzeti:		$\frac{1}{2}(\beta+\gamma)=\frac{1}{2}\pi-\frac{1}{2}\alpha$ $\operatorname{tg}\frac{1}{2}(\beta-\gamma)=\frac{b-c}{b+c}\operatorname{ctg}\frac{1}{2}\alpha$		$\beta=\frac{1}{2}(\beta+\gamma)+\frac{1}{2}(\beta-\gamma)$ $\gamma=\frac{1}{2}(\beta+\gamma)-\frac{1}{2}(\beta-\gamma)$		$a=b\cdot\frac{\sin\alpha}{\sin\beta}$ $=c\cdot\frac{\sin\alpha}{\sin\gamma}$
			° ' "		b	260,14	b	
		½ α	32 05 12		c	217,26	sinβ	0,91401
		½ (β+γ)	57 54 48		b-c	+ 42,88	sinα	0,90011
		½ (β-γ)	8 09 10		b+c	+ 477,40	sinγ	0,76335
		α	64°10'23"				c	
		β	66 03 58				a	256,18
		γ	49 45 39		ctg½ α	1,59497		
		π	180 00 00		tg½ (β-γ)	0,14326	a	256,18

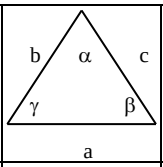
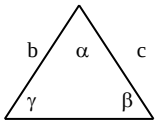
Primer 2

Trigonometrijski obrazac br.14							
Redni broj računanja i skica trougla	Strane i uglovi su uzeti:		$\frac{1}{2}(\beta+\gamma)=\frac{1}{2}\pi-\frac{1}{2}\alpha$ $\operatorname{tg}\frac{1}{2}(\beta-\gamma)=\frac{b-c}{b+c}\operatorname{ctg}\frac{1}{2}\alpha$		$\beta=\frac{1}{2}(\beta+\gamma)+\frac{1}{2}(\beta-\gamma)$ $\gamma=\frac{1}{2}(\beta+\gamma)-\frac{1}{2}(\beta-\gamma)$		$a=b\cdot\frac{\sin\alpha}{\sin\beta}$ $=c\cdot\frac{\sin\alpha}{\sin\gamma}$
			° ' "		b	225,19	b	
		½ α	21 30 00		c	281,32	sinβ	0,79640
		½ (β+γ)	68 30 01		b-c	-56,13	sinα	0,68199
		½ (β-γ)	-15 42 46		b+c	+506,51	sinγ	0,99490
		α	42°59'59"				c	
		β	52 47 15				a	192,84
		γ	84 12 46		ctg½ α	2,53867		
		π	180 00 00		tg½ (β-γ)	-0,28133	a	192,84

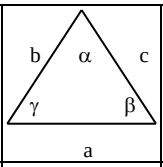
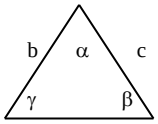
Primer 3

Trigonometrijski obrazac br.14							
Redni broj računanja i skica trougla	Strane i uglovi su uzeti:		$\frac{1}{2}(\beta+\gamma)=\frac{1}{2}\pi-\frac{1}{2}\alpha$ $\operatorname{tg}\frac{1}{2}(\beta-\gamma)=\frac{b-c}{b+c}\operatorname{ctg}\frac{1}{2}\alpha$		$\beta=\frac{1}{2}(\beta+\gamma)+\frac{1}{2}(\beta-\gamma)$ $\gamma=\frac{1}{2}(\beta+\gamma)-\frac{1}{2}(\beta-\gamma)$		$a=b\cdot\frac{\sin\alpha}{\sin\beta}$ $=c\cdot\frac{\sin\alpha}{\sin\gamma}$
			° ' "		b	184,15	b	
		½ α	27 21 15		c	142,33	sinβ	0,97258
		½ (β+γ)	62 38 45		b-c	+42,82	sinα	0,81622
		½ (β-γ)	13 54 24		b+c	+326,48	sinγ	0,75172
		α	54°42'31"				c	
		β	76 33 09				a	154,54
		γ	48 44 21		ctg½ α	1,93297		
		π	180 00 00		tg½ (β-γ)	0,24760	a	154,54

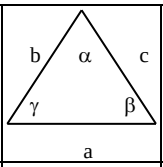
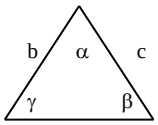
Primer 4

Trigonometrijski obrazac br.14							
Redni broj računanja i skica trougla	Strane i uglovi su uzeti:		$\frac{1}{2}(\beta+\gamma)=\frac{1}{2}\pi-\frac{1}{2}\alpha$ $\operatorname{tg}\frac{1}{2}(\beta-\gamma)=\frac{b-c}{b+c}\operatorname{ctg}\frac{1}{2}\alpha$		$\beta=\frac{1}{2}(\beta+\gamma)+\frac{1}{2}(\beta-\gamma)$ $\gamma=\frac{1}{2}(\beta+\gamma)-\frac{1}{2}(\beta-\gamma)$		$a=b\cdot\frac{\sin\alpha}{\sin\beta}$ $=c\cdot\frac{\sin\alpha}{\sin\gamma}$
			° ' "		b	127,26	b	
		½ α	24 05 25		c	171,15	sinβ	0,73964
		½ (β+γ)	66 54 35		b-c	-42,89	sinα	0,74525
		½ (β-γ)	-18 12 32		b+c	+298,41	sinγ	0,99474
		α	48°10'50"				c	
		β	47 42 03				a	128,22
		γ	84 07 07		ctg½ α	2,23655		
		π	180 00 00		tg½ (β-γ)	-0,32895	a	128,22

Primer 5

Trigonometrijski obrazac br.14							
Redni broj računanja i skica trougla	Strane i uglovi su uzeti:		$\frac{1}{2}(\beta+\gamma)=\frac{1}{2}\pi-\frac{1}{2}\alpha$ $\operatorname{tg}\frac{1}{2}(\beta-\gamma)=\frac{b-c}{b+c}\operatorname{ctg}\frac{1}{2}\alpha$		$\beta=\frac{1}{2}(\beta+\gamma)+\frac{1}{2}(\beta-\gamma)$ $\gamma=\frac{1}{2}(\beta+\gamma)-\frac{1}{2}(\beta-\gamma)$		$a=b\cdot\frac{\sin\alpha}{\sin\beta}$ $=c\cdot\frac{\sin\alpha}{\sin\gamma}$
			° ' "		b	194,51	b	
		½ α	25 42 20		c	167,22	sinβ	0,95733
		½ (β+γ)	64 17 41		b-c	+27,29	sinα	0,78164
		½ (β-γ)	8 54 25		b+c	+361,73	sinγ	0,82301
		α	51°24'39"				c	
		β	73 12 06				a	158,81
		γ	55 23 15		ctg½ α	2,07734		
		π	180 00 00		tg½ (β-γ)	0,15672	a	158,81

Primer 6

Trigonometrijski obrazac br.14							
Redni broj računanja i skica trougla	Strane i uglovi su uzeti:		$\frac{1}{2}(\beta+\gamma)=\frac{1}{2}\pi-\frac{1}{2}\alpha$ $\operatorname{tg}\frac{1}{2}(\beta-\gamma)=\frac{b-c}{b+c}\operatorname{ctg}\frac{1}{2}\alpha$		$\beta=\frac{1}{2}(\beta+\gamma)+\frac{1}{2}(\beta-\gamma)$ $\gamma=\frac{1}{2}(\beta+\gamma)-\frac{1}{2}(\beta-\gamma)$		$a=b\cdot\frac{\sin\alpha}{\sin\beta}$ $=c\cdot\frac{\sin\alpha}{\sin\gamma}$
			° ' "		b	184,31	b	
		½ α	37 17 25		c	147,84	sinβ	0,87389
		½ (β+γ)	52 42 35		b-c	+36,47	sinα	0,96401
		½ (β-γ)	8 12 16		b+c	+332,15	sinγ	0,70097
		α	74°34'50"				c	
		β	60 54 51				a	203,31
		γ	44 30 19		ctg½ α	1,31315		
		π	180 00 00		tg½ (β-γ)	0,14418	a	203,31