

$\cos(\alpha + \beta) =$	$\cos\alpha \cos\beta - \sin\alpha \sin\beta$
$\cos(\alpha - \beta) =$	$\frac{1 + \operatorname{ctg}\alpha \operatorname{ctg}\beta}{\operatorname{ctg}\alpha + \operatorname{ctg}\beta}$
$\sin(\alpha + \beta) =$	$\frac{\operatorname{tg}\alpha + \operatorname{tg}\beta}{1 - \operatorname{tg}\alpha \operatorname{tg}\beta}$
$\sin(\alpha - \beta) =$	$\sin\alpha \cos\beta - \cos\alpha \sin\beta$
$\operatorname{tg}(\alpha \pm \beta) =$	$\sin\alpha \cos\beta + \cos\alpha \sin\beta$
$\operatorname{ctg}(\alpha \pm \beta) =$	$\cos\alpha \cos\beta - \sin\alpha \sin\beta$

Сәйкестендіру тесті

1) $\operatorname{tg}(\pi - \alpha)$	1) $\cos \alpha$
2) $\operatorname{ctg}(\pi + \alpha)$	2) $-\operatorname{tg} \alpha$
3) $\sin(360 - \alpha)$	3) $\operatorname{ctg} \alpha$
4) $\cos(360 - \alpha)$	4) $-\sin \alpha$