

Compito di Matematica (Goniometria di base)

Classe: IV anno (tutti gli indirizzi)

Date: 20-01-2026 / 23-01-2026

277	$\frac{\sin^2 \alpha - \sin^2 \beta}{\cos^2 \alpha - \cos^2 \beta}$	-1
278	$\frac{2 \sin 3\alpha \sin 8\alpha}{\sin 5\alpha + \sin 8\alpha}$	$\frac{\cos 5\alpha - \cos 11\alpha}{2 \sin \frac{13}{2}\alpha \cos \frac{3}{2}\alpha}$
279	$\frac{2 \tan\left(\frac{\pi}{2} - \alpha\right)}{1 + [\cot(\pi - \alpha)]^2} - \left[\cos\left(\frac{\pi}{2} - \alpha\right) + \sin\left(\frac{\pi}{2} - \alpha\right) \right]$	$\sin 2\alpha - \sin \alpha - \cos \alpha$
273	$\frac{\cos 8\alpha + \cos \alpha}{\cos 8\alpha - \cos \alpha}$	$-\cot \frac{9}{2}\alpha \cot \frac{7}{2}\alpha$
274	$\frac{\sin(3\alpha + \beta) \sin(3\alpha - \beta) - \sin(\alpha + \beta) \sin(\alpha - \beta)}{\sin 4\alpha \sin 2\alpha}$	1
275	$2 \tan \alpha \sin^2 \frac{\alpha}{2} + \sin \alpha$	$\tan \alpha$
276	$\sin \alpha \cos(\alpha + \beta) - \cos \alpha \sin(\alpha + \beta)$	$\cos\left(\frac{\pi}{2} + \beta\right)$