

Выберите верное равенство:

а) $\sin \frac{\alpha}{8} = \cos^2 \frac{\alpha}{16} - \sin^2 \frac{\alpha}{16};$

б) $\sin \frac{\alpha}{8} = 2 \sin \frac{\alpha}{4} \cos \frac{\alpha}{4};$

в) $\sin \frac{\alpha}{8} = 2 \sin \frac{\alpha}{16};$

г) $\sin \frac{\alpha}{8} = 2 \sin \frac{\alpha}{16} \cos \frac{\alpha}{16}.$