$\cos(a-b) = \cos a \cos\beta + \sin b \sin\beta$

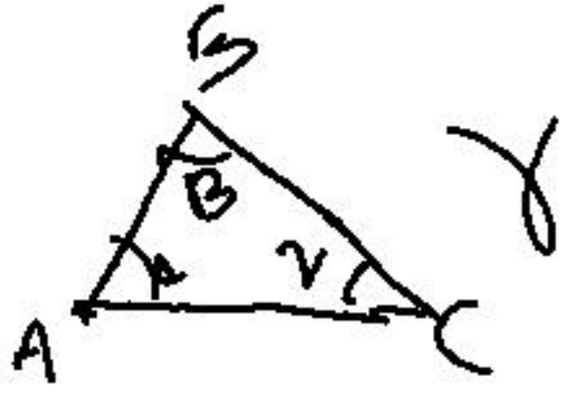
$\frac{\sin(\alpha+\beta)}{}$ $\cos\left(\frac{\pi}{2} - x\right) = \sin x \;/\; \sin\left(\frac{\pi}{2} - x\right) = \cos x$

$\cos\left[\frac{\pi}{2} - (a+\beta)\right] = \sin b\,(\alpha+\beta)$

$\cos\frac{\pi}{2}\cos(a+b) + \sin\frac{\pi}{2}\sin a+b$

175

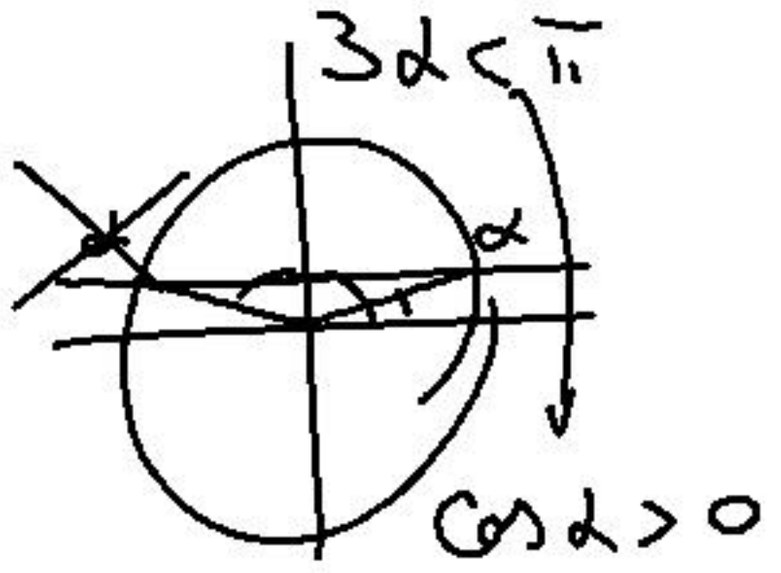
$B = 2\alpha$ $\quad \sin\alpha = \frac{1}{5}$ $\quad \alpha + \beta < \pi$



γ

$\alpha + \beta + \gamma = \pi$

$\pi - (2\alpha + \alpha) = \gamma$

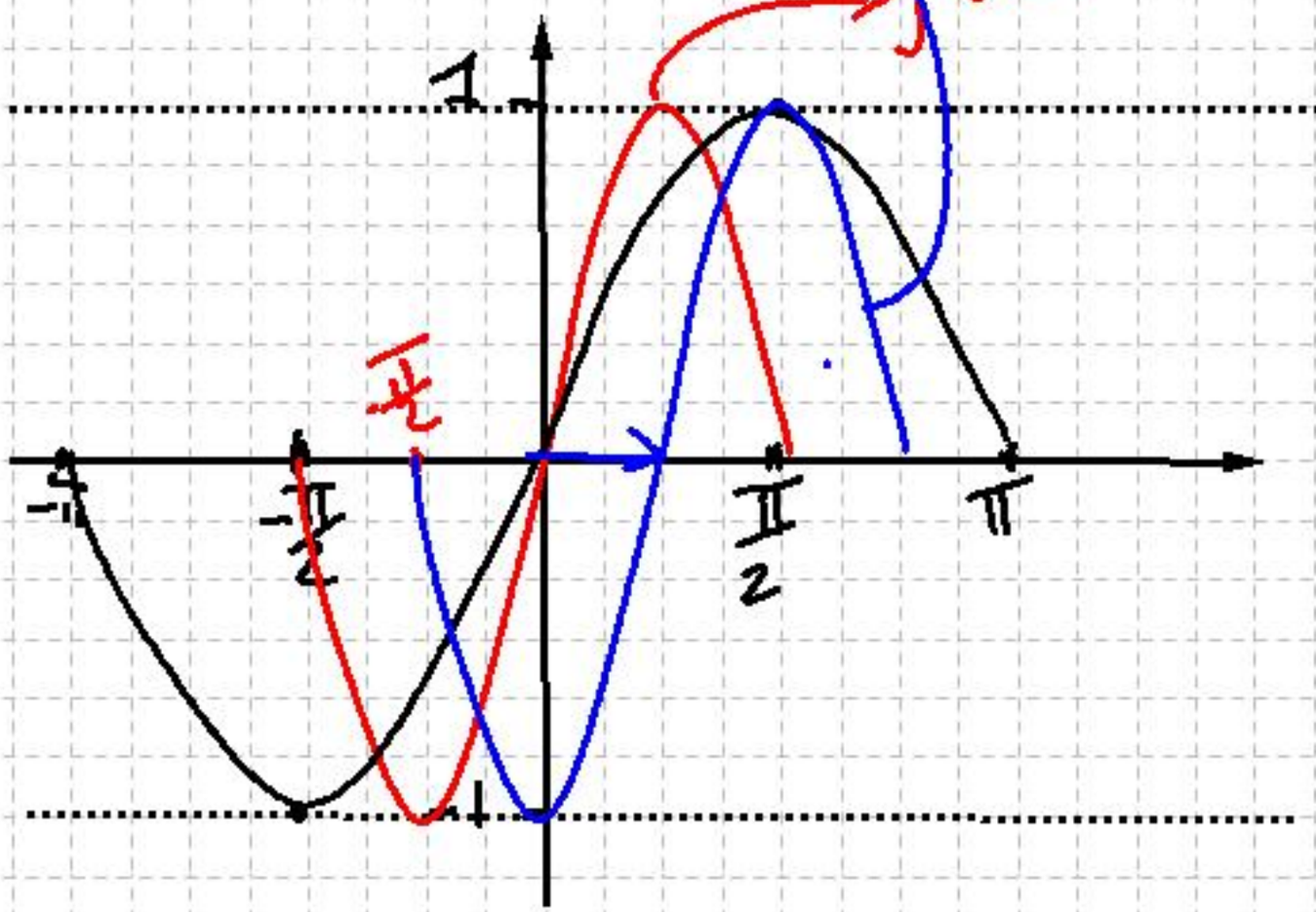


$\sin\gamma = \sin\pi\cos 3\alpha - \cos\pi \sin 3\alpha$

$\sin\gamma = 1 \cdot \sin 3\alpha$

$\cos\gamma = \cos(\pi - 3\alpha) = -\cos 3\alpha$

$$y = \sin\left(2x - \frac{\pi}{2}\right) = \sin\left[2\left(x - \frac{\pi}{4}\right)\right]$$



Ripeva

x	y
0	-1
$\frac{\pi}{4}$	0