

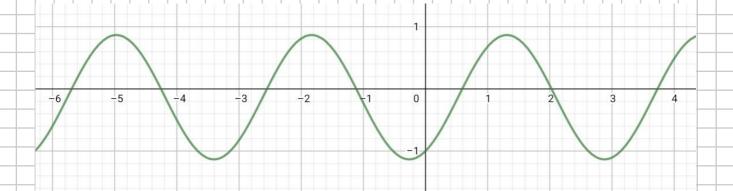
$$y = \sin(2x - \frac{\pi}{3}) + \frac{\sqrt{3} - 2}{2}$$

$$PASSI$$

$$y = \sin x$$

$$y = \sin\left(2\left(x - \frac{\pi}{6}\right)\right) = \sin\left(2x - \frac{\pi}{3}\right)$$

$$y = \sin\left(2x - \frac{\pi}{3}\right) + \frac{\sqrt{3}-2}{2}$$



$$\frac{\cos 2\alpha}{\cos \alpha - \sin \alpha} \frac{\sin 2\alpha}{\cos \alpha + \sin \alpha} = \frac{1}{\sqrt{2} \sin \left(\alpha + \frac{\pi}{4}\right)}$$

$$\frac{2 \sin \alpha \cos \alpha}{\left(\cos \alpha + \sin \alpha\right) \left(\cos \alpha + \sin \alpha\right) \sin \alpha}$$

$$\left(\frac{\cos \alpha - \sin \alpha}{4}\right) \left(\frac{\cos \alpha + \sin \alpha}{4}\right) \frac{1}{\cos \alpha}$$

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$$\left(\frac{\cos \alpha - \sin \alpha}{4}\right) \left(\frac{\cos \alpha}{4} + \sin \alpha\right) \frac{1}{\cos \alpha}$$

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$$\left(\frac{\cos \alpha}{4} + \sin \alpha\right) \frac{1}{\cos \alpha} \frac{1}{\cos \alpha}$$

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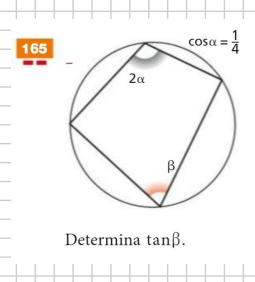
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$$\left(\frac{\cos \alpha}{4} + \sin \alpha\right) \frac{1}{\cos \alpha} \frac{1}{$$



$$\left[\begin{array}{c} \sqrt{15} \\ 7 \end{array}\right]$$

2d + B = TT feelse in qualites in un circonferense la gli engli efforti (interni) replementari

$$\beta = \pi - 2d$$

$$tou \beta = tou (\pi - 2d) = tou (-2d) = -tou 2d =$$

$$= \frac{2 tou d}{1 - tou^2 d} = \frac{1}{4} \quad (a \land a \land u \land v \land a)$$

$$sind = + \sqrt{1-co5d} = \sqrt{1-\frac{1}{16}} = \frac{\sqrt{15}}{4}$$

$$= \frac{\sqrt{15}}{4}$$

$$tond = \frac{\sin 4}{\cos 4} = \sqrt{15}$$