

$$\sin^2 x + \cos^2 x = 1$$

$$\sin(x+y) = \sin x \cos y + \sin y \cos x$$

$$\sin(x-y) = \sin x \cos y - \sin y \cos x$$

$$\cos(x+y) = \cos x \cos y - \sin y \sin x$$

$$\cos(x-y) = \cos x \cos y + \sin y \sin x$$

Формулы двойных углов

$$\sin 2x = 2 \sin x \cos x$$

$$\cos 2x =$$

$$\cos^2 x - \sin^2 x =$$

$$1 - 2 \sin^2 x =$$

$$2 \cos^2 x - 1$$

$$\begin{aligned} \cos(7P/3) &= \cos(6P/3 + P/3) = \cos(2P) \cos(P/3) - \sin(2P) \sin(P/3) = \\ &= \cos(P/3) = 1/2 \end{aligned}$$

$$\sin(360 - 341) = \sin(360) \cos(341) - \cos(360) \sin(341) = -\sin(341)$$