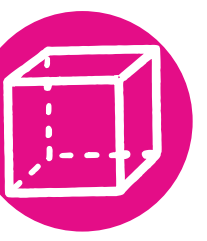# Запам'ятай

ОСНОВНА ТРИГОНОМЕТРИЧНА ТОТОЖНІСТЬ

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

$$\sin^2\alpha = 1 - \cos^2\alpha$$

$$\cos^2\alpha = 1 - \sin^2\alpha$$

$$\mathrm{tg}\,\alpha = \frac{\sin\alpha}{\cos\alpha}$$

$$\sin\alpha = \mathrm{tg}\,\alpha \cdot \cos\alpha$$

$$\cos\alpha = \frac{\sin\alpha}{\mathrm{tg}\,\alpha}$$

$$1 + \mathrm{tg}^2\alpha = \frac{1}{\cos^2\alpha}$$