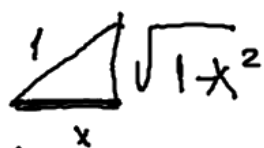


Ex:

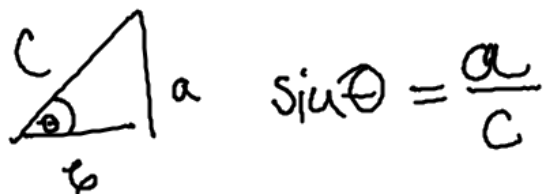
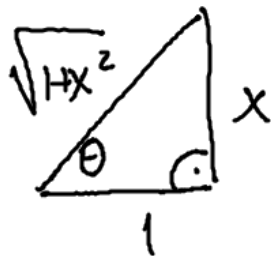
$$\sin(2\alpha) = 2\sin\alpha\cos\alpha$$



$$1. \sin(2\arccos x) = 2\sin(\arccos x) \cos(\arccos x) = 2\sqrt{1-x^2} \cdot x$$

$$2. \cos\left(\frac{\pi}{2} - \arcsin x\right) = \cos \frac{\pi}{2} \cos(\arcsin x) + \sin \frac{\pi}{2} \sin(\arcsin x) = 0 + 1 \cdot x = x$$

$$3. \sin(\arctan x) = \frac{x}{\sqrt{1+x^2}}$$



$$\sin\theta = \frac{a}{c}$$

$$\cos(\alpha - \beta) =$$

$$\cos\alpha\cos\beta + \sin\alpha\sin\beta$$