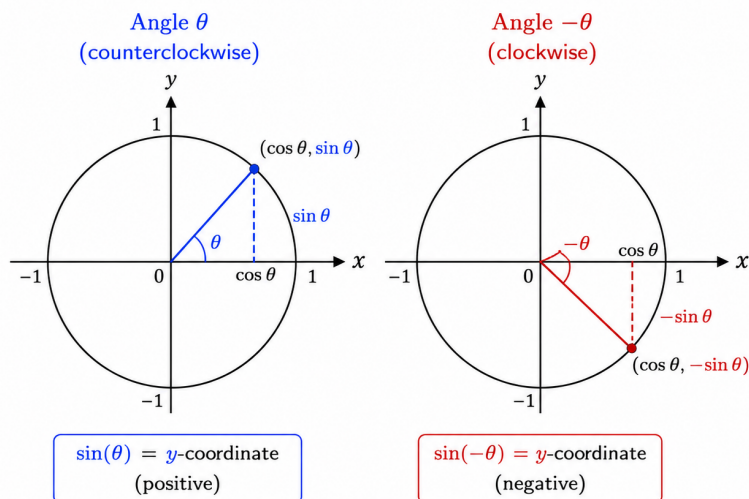
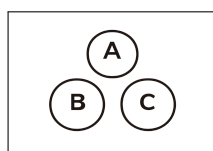


30 Formulas and Identities

Even/Odd Formulas

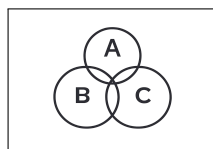
A



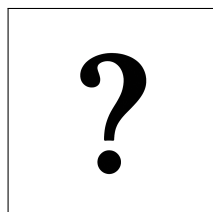
The points are reflections across the x -axis.
They have the same x -coordinate ($\cos \theta$)
and opposite y -coordinates.

$$\sin(-\theta) = -\sin(\theta)$$

$$-\sin(\pi/2) = -1/2 = \sin(-\pi/2)$$

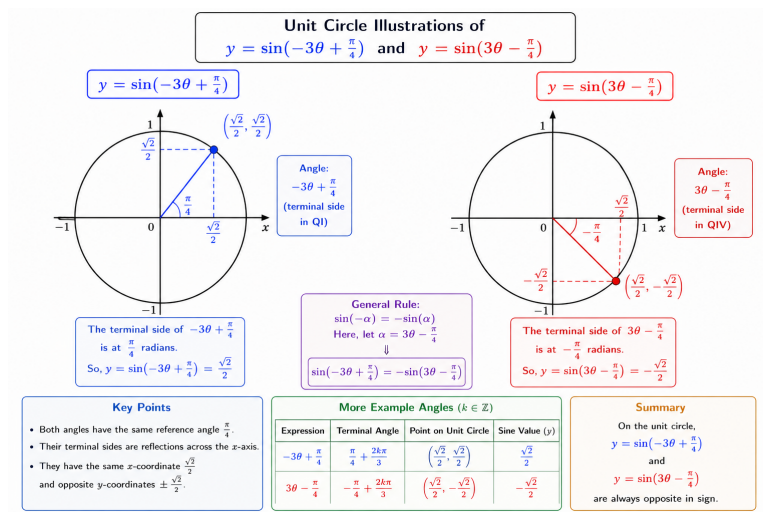
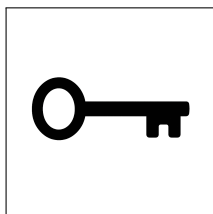


$$\sin(-\theta) = -\sin(\theta)$$



$$\sin(-3\theta + \pi/4) = ?$$

30 Formulas and Identities Even/Odd Formulas A



$$\sin(-3\theta + \pi/4) = -\sin(3\theta - \pi/4)$$