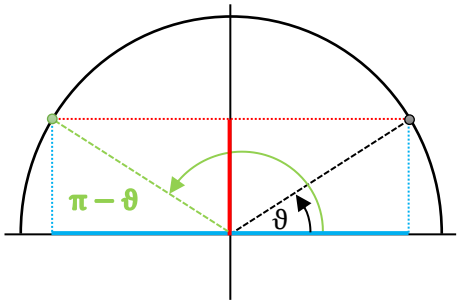
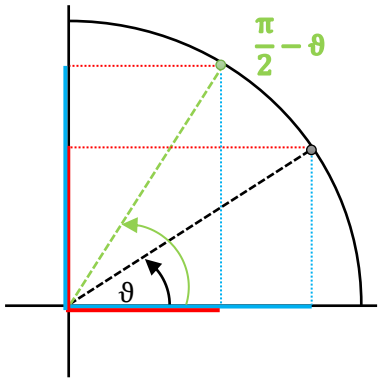
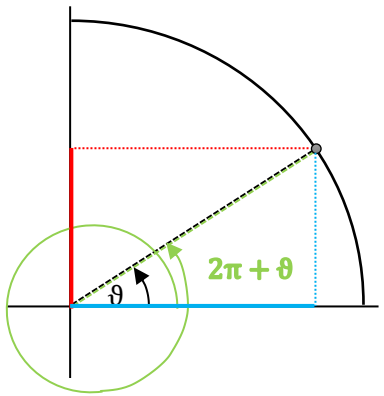


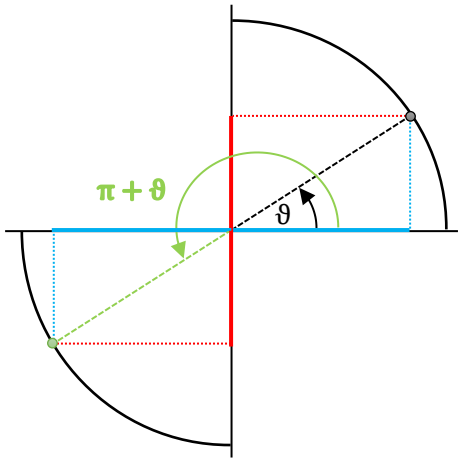
$$\cos(\pi - \vartheta) = -\cos\vartheta$$
$$\sin(\pi - \vartheta) = \sin\vartheta$$



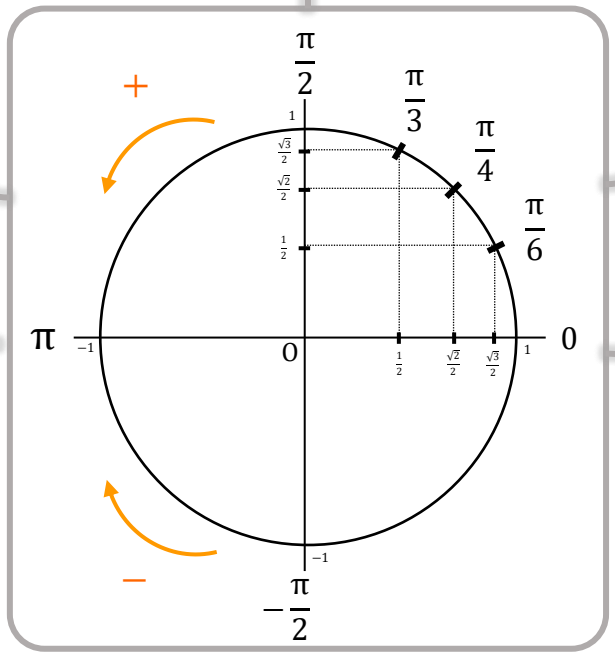
$$\cos\left(\frac{\pi}{2} - \vartheta\right) = \sin\vartheta$$
$$\sin\left(\frac{\pi}{2} - \vartheta\right) = \cos\vartheta$$

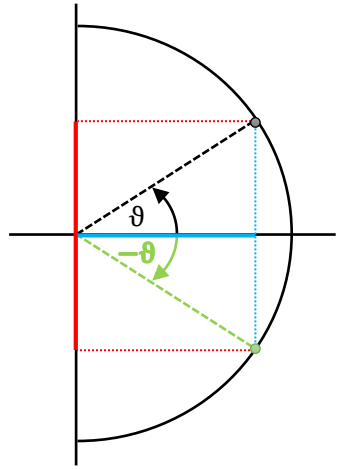


$$\cos(2k\pi + \vartheta) = \cos\vartheta$$
$$\sin(2k\pi + \vartheta) = \sin\vartheta$$



$$\cos(\pi + \vartheta) = -\cos\vartheta$$
$$\sin(\pi + \vartheta) = -\sin\vartheta$$





$$\cos(-\vartheta) = \cos\vartheta$$
$$\sin(-\vartheta) = -\sin\vartheta$$

من اعداد الأستاذ: بولحليب محمد