

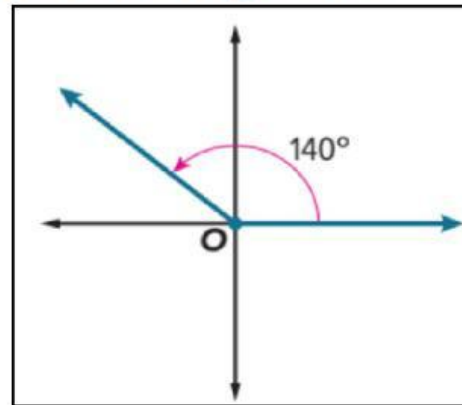


Reference Angle

Exp-1-

A Find the measure of the reference angle of θ The reference angle, θ' a. 20° b. 140° c. -40° d. 40°

Its measure is



B

Find the exact value of $\cos(-\frac{\pi}{3})$.

a. I

b. II

c. III

d. IV

The angle is in Quadrant

so $\cos(-\frac{\pi}{3})$ is

a. Positive

b. Negative

a. $\frac{\pi}{3}$ b. $\frac{\pi}{2}$ c. $\frac{\pi}{6}$ d. $\frac{\pi}{4}$ a. $\frac{1}{2}$ b. $\frac{\sqrt{3}}{2}$ c. $-\frac{1}{2}$ d. $-\frac{\sqrt{3}}{2}$ The reference angle for $-\frac{\pi}{3}$ is
 $\cos(-\frac{\pi}{3}) =$



Exp-2-

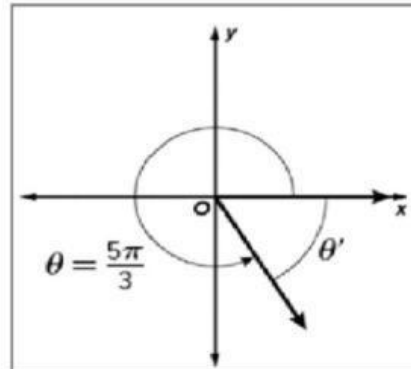
A Find the measure of the reference angle of θ The reference angle, θ'

a) $\theta' = \frac{\pi}{3}$

b) $\theta' = \frac{5\pi}{36}$

c) $\theta' = \frac{3\pi}{8}$

d) $\theta' = \frac{\pi}{6}$

**B****Find the exact value of $\sin\left(\frac{\pi}{4}\right)$**

The angle is in Quadrant

a. I

b. II

c. III

d. IV

so $\sin\left(\frac{\pi}{4}\right)$ is

a. Positive

b. Negative

The reference angle for $\frac{\pi}{4}$ is

a. $\frac{\pi}{3}$

b. $\frac{\pi}{2}$

c. $\frac{\pi}{6}$

d. $\frac{\pi}{4}$

 $\sin\left(\frac{\pi}{4}\right) =$

a. $\frac{1}{2}$

b. $\frac{\sqrt{2}}{2}$

c. $-\frac{1}{2}$

d. $-\frac{\sqrt{2}}{2}$