

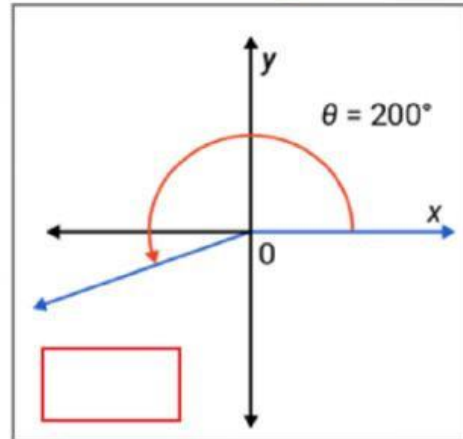


Reference Angle

Exp-1-

Find the measure of the reference angle of θ The reference angle, θ' a. 20° b. 140°

Its measure is

c. 160° d. 200° 

Exp-2-

A

Find the exact value of $\cos \frac{5\pi}{3}$.

a. I

b. II

The angle is in Quadrant

c. III

d. IV

so $\cos \frac{5\pi}{3}$ 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 $\frac{5\pi}{3}$ is $\cos \frac{5\pi}{3} =$

**B**Find the exact value of $\cos \frac{5\pi}{6}$.

The angle is in Quadrant

a. I

b. II

c. III

d. IV

so $\cos \frac{5\pi}{6}$ is

a. Positive

b. Negative

The reference angle for $\frac{5\pi}{6}$ isa. $\frac{\pi}{3}$ b. $\frac{\pi}{2}$ c. $\frac{\pi}{6}$ d. $\frac{\pi}{4}$ $\cos \frac{5\pi}{6} =$ a. $\frac{1}{2}$ b. $\frac{\sqrt{3}}{2}$ c. $-\frac{1}{2}$ d. $-\frac{\sqrt{3}}{2}$ **C**Find the exact value of $\sin \frac{5\pi}{4}$

The angle is in Quadrant

a. I

b. II

c. III

d. IV

so $\sin \frac{5\pi}{4}$ is

a. Positive

b. Negative

The reference angle for $\frac{5\pi}{4}$ isa. $\frac{\pi}{3}$ b. $\frac{\pi}{2}$ c. $\frac{\pi}{6}$ d. $\frac{\pi}{4}$ $\sin \frac{5\pi}{4} =$ a. $\frac{1}{2}$ b. $\frac{\sqrt{2}}{2}$ c. $-\frac{1}{2}$ d. $-\frac{\sqrt{2}}{2}$