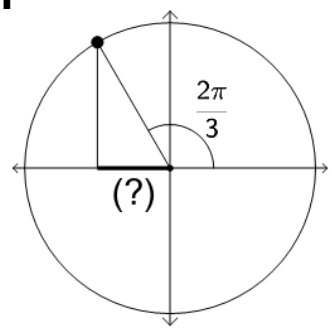
Name

Trigonometry, Unit Circle Dimensions as Sin/Cos of Angle Radians

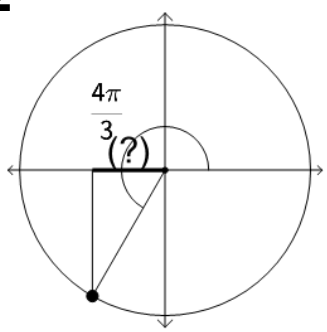
1



What is the X dimension for the unit circle point at 2π/3 radians?

A $\cos\left(\frac{2\pi}{3}\right)$ B $\sin\left(\frac{2\pi}{3}\right)$

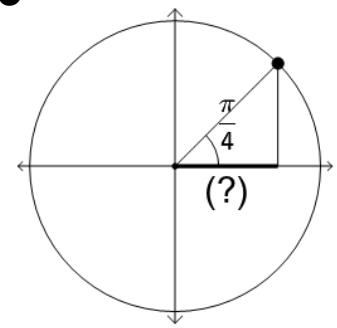
2



What is the X dimension for the unit circle point at 4π/3 radians?

A $\cos\left(\frac{4\pi}{3}\right)$ B $\sin\left(\frac{4\pi}{3}\right)$

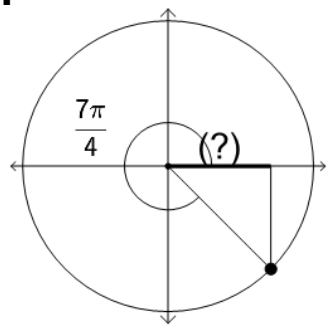
3



What is the X dimension for the unit circle point at π/4 radians?

A $\cos\left(\frac{\pi}{4}\right)$ B $\sin\left(\frac{\pi}{4}\right)$

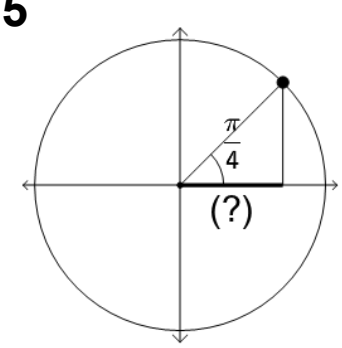
4



What is the X dimension for the unit circle point at 7π/4 radians?

A $\sin\left(\frac{7\pi}{4}\right)$ B $\cos\left(\frac{7\pi}{4}\right)$

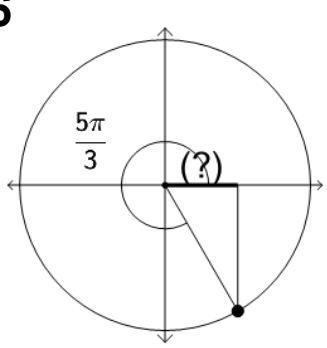
5



What is the X dimension for the unit circle point at π/4 radians?

A $\cos\left(\frac{\pi}{4}\right)$ B $\sin\left(\frac{\pi}{4}\right)$

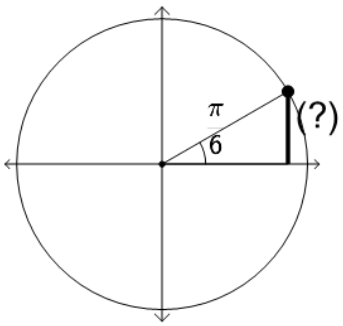
6



What is the X dimension for the unit circle point at 5π/3 radians?

A $\sin\left(\frac{5\pi}{3}\right)$ B $\cos\left(\frac{5\pi}{3}\right)$

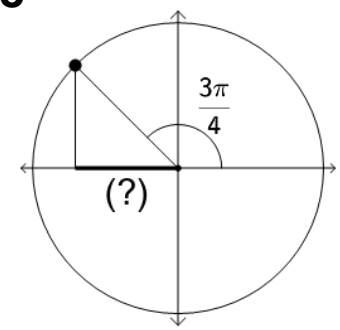
7



What is the Y dimension for the unit circle point at π/6 radians?

A $\sin\left(\frac{\pi}{6}\right)$ B $\cos\left(\frac{\pi}{6}\right)$

8



What is the X dimension for the unit circle point at 3π/4 radians?

A $\cos\left(\frac{3\pi}{4}\right)$ B $\sin\left(\frac{3\pi}{4}\right)$