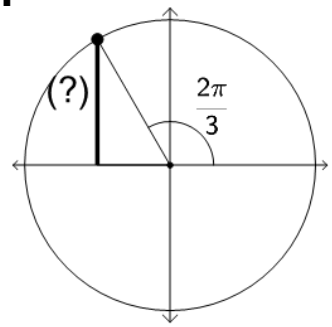
Name

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

1

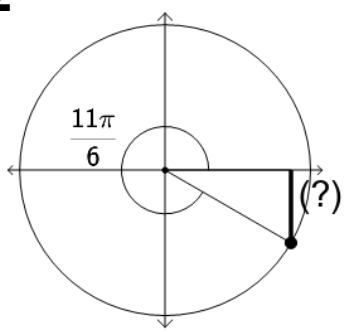


What is the Y dimension for the unit circle point at 2π/3 radians?

A $\frac{\sqrt{3}}{2}$

B $\frac{\sqrt{2}}{2}$

2

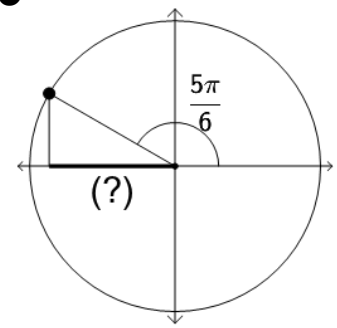


What is the Y dimension for the unit circle point at 11π/6 radians?

A $-\frac{1}{2}$

B $-\frac{\sqrt{2}}{2}$

3

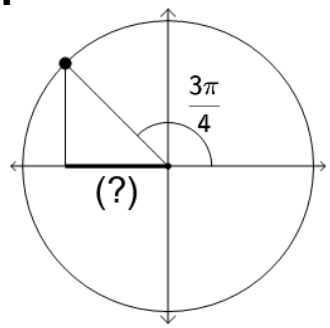


What is the X dimension for the unit circle point at 5π/6 radians?

A $-\frac{1}{2}$

B $-\frac{\sqrt{3}}{2}$

4

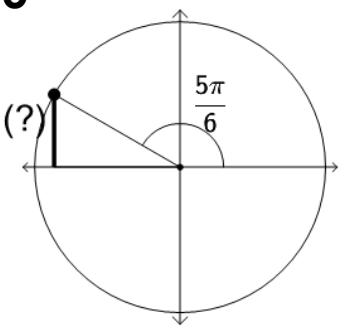


What is the X dimension for the unit circle point at 3π/4 radians?

A $-\frac{\sqrt{2}}{2}$

B $-\frac{\sqrt{3}}{2}$

5

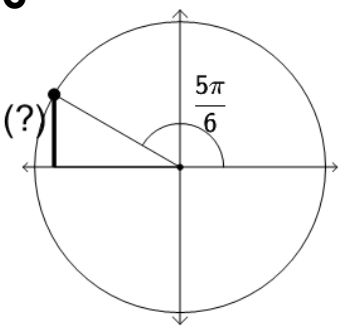


What is the Y dimension for the unit circle point at 5π/6 radians?

A $\frac{1}{2}$

B $\frac{\sqrt{3}}{2}$

6

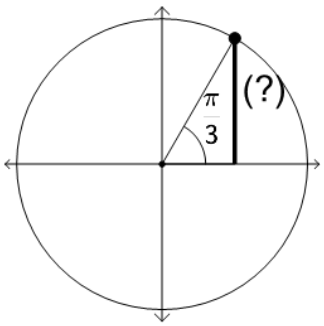


What is the Y dimension for the unit circle point at 5π/6 radians?

A $\frac{1}{2}$

B $\frac{\sqrt{3}}{2}$

7

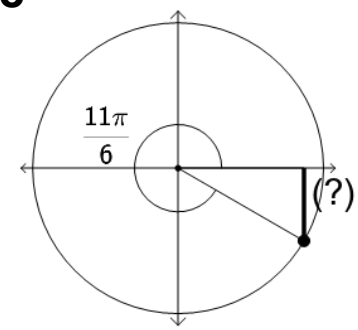


What is the Y dimension for the unit circle point at π/3 radians?

A $\frac{\sqrt{3}}{2}$

B $\frac{\sqrt{2}}{2}$

8



What is the Y dimension for the unit circle point at 11π/6 radians?

A $-\frac{1}{2}$

B $-\frac{\sqrt{2}}{2}$