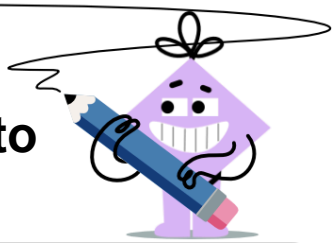
Name

Trigonometry, Unit Circle Coordinates to Angle (Radians) (30s)



1

$\left(-\frac{1}{2}, -\frac{\sqrt{3}}{2}\right)$

How many radians around the unit circle is this point?

A $\frac{5\pi}{6}$ rad

B $\frac{4\pi}{3}$ rad

2

$\left(-\frac{\sqrt{2}}{2}, -\frac{\sqrt{2}}{2}\right)$

How many radians around the unit circle is this point?

A $\frac{4\pi}{3}$ rad

B $\frac{5\pi}{4}$ rad

3

$(-1, 0)$

How many radians around the unit circle is this point?

A $\frac{3\pi}{2}$ rad

B π rad

4

$\left(-\frac{1}{2}, \frac{\sqrt{3}}{2}\right)$

How many radians around the unit circle is this point?

A $\frac{3\pi}{4}$ rad

B $\frac{2\pi}{3}$ rad

5

$\left(\frac{1}{2}, \frac{\sqrt{3}}{2}\right)$

How many radians around the unit circle is this point?

A $\frac{\pi}{3}$ rad

B $\frac{\pi}{4}$ rad

6

$\left(\frac{1}{2}, -\frac{\sqrt{3}}{2}\right)$

How many radians around the unit circle is this point?

A $\frac{7\pi}{6}$ rad

B $\frac{5\pi}{3}$ rad

7

$\left(-\frac{\sqrt{3}}{2}, -\frac{1}{2}\right)$

How many radians around the unit circle is this point?

A $\frac{2\pi}{3}$ rad

B $\frac{7\pi}{6}$ rad

8

$(0, -1)$

How many radians around the unit circle is this point?

A 2π rad

B $\frac{3\pi}{2}$ rad