Name

Trigonometry, Unit Circle Coordinates to Angle (Radians) (45s)

1

$(0, -1)$

How many radians around the unit circle is this point?

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

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

2

$(\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2})$

How many radians around the unit circle is this point?

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

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

3

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

How many radians around the unit circle is this point?

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

B $\frac{7\pi}{4}$ rad

4

$(1, 0)$

How many radians around the unit circle is this point?

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

B 2π rad

5

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

How many radians around the unit circle is this point?

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

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

6

$(-1, 0)$

How many radians around the unit circle is this point?

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

B π rad

7

$(0, 1)$

How many radians around the unit circle is this point?

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

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

8

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

How many radians around the unit circle is this point?

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

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