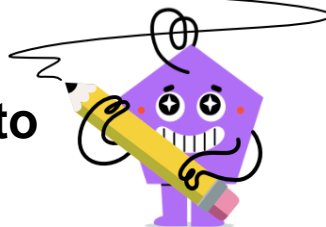




## Trigonometry, Unit Circle Coordinates to Angle (Degrees) (45s)



1

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

How many degrees around the unit circle is this point?

A

225°

B

210°

2

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

How many degrees around the unit circle is this point?

A

45°

B

120°

3

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

How many degrees around the unit circle is this point?

A

120°

B

135°

4

$$(1, 0)$$

How many degrees around the unit circle is this point?

A

360°

B

270°

5

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

How many degrees around the unit circle is this point?

A

315°

B

330°

6

$$(0, -1)$$

How many degrees around the unit circle is this point?

A

90°

B

270°

7

$$(-1, 0)$$

How many degrees around the unit circle is this point?

A

360°

B

180°

8

$$(0, 1)$$

How many degrees around the unit circle is this point?

A

270°

B

90°