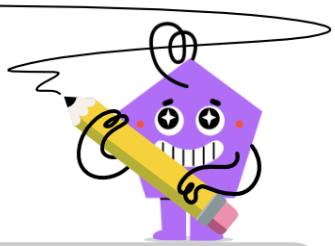
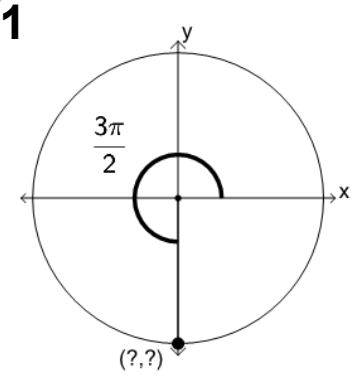
Name

Trigonometry, Unit Circle - Picture (Radians) to Coordinates (30s)



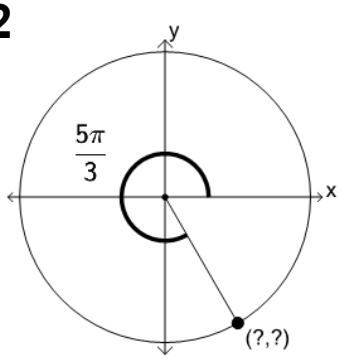
1



What are the coordinates of the unit circle point at 3π/2 radians

A	B
$(0,-1)$	$(1,0)$

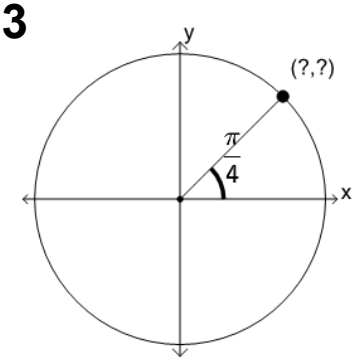
2



What are the coordinates of the unit circle point at 5π/3 radians

A	B
$(-\frac{\sqrt{2}}{2},-\frac{\sqrt{2}}{2})$	$(\frac{1}{2},-\frac{\sqrt{3}}{2})$

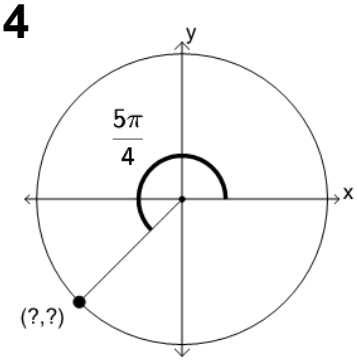
3



What are the coordinates of the unit circle point at π/4 radians

A	B
$(\frac{1}{2},\frac{\sqrt{3}}{2})$	$(\frac{\sqrt{2}}{2},\frac{\sqrt{2}}{2})$

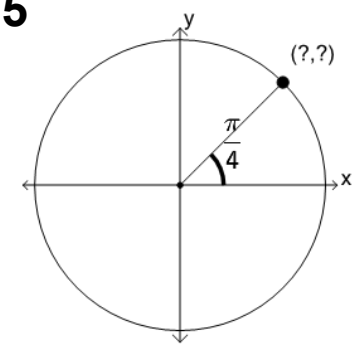
4



What are the coordinates of the unit circle point at 5π/4 radians

A	B
$(-\frac{\sqrt{3}}{2},\frac{1}{2})$	$(-\frac{\sqrt{2}}{2},-\frac{\sqrt{2}}{2})$

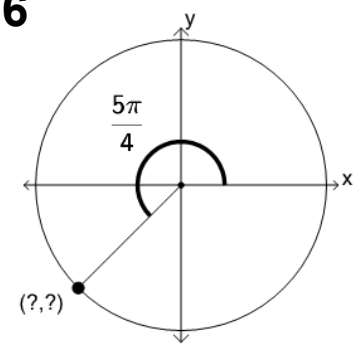
5



What are the coordinates of the unit circle point at π/4 radians

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

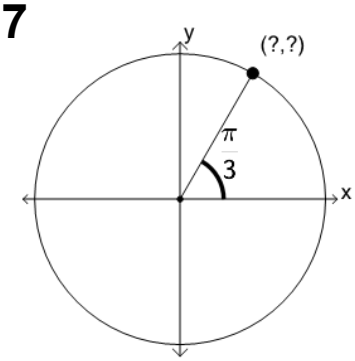
6



What are the coordinates of the unit circle point at 5π/4 radians

A	B
$(\frac{1}{2},-\frac{\sqrt{3}}{2})$	$(-\frac{\sqrt{2}}{2},-\frac{\sqrt{2}}{2})$

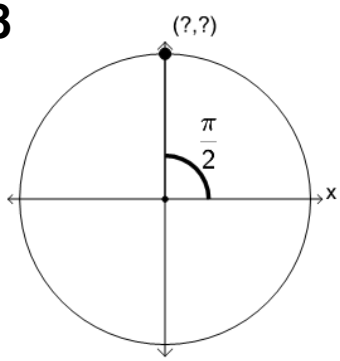
7



What are the coordinates of the unit circle point at π/3 radians

A	B
$(-\frac{1}{2},\frac{\sqrt{3}}{2})$	$(\frac{1}{2},\frac{\sqrt{3}}{2})$

8



What are the coordinates of the unit circle point at π/2 radians

A	B
$(-1,0)$	$(0,1)$