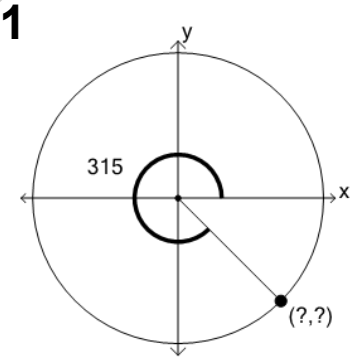
Name

Trigonometry, Unit Circle - Picture (Degrees) to Coordinates (45s)

1

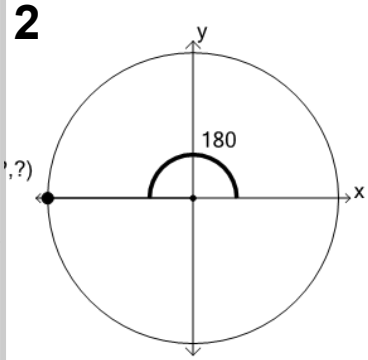


What are the coordinates of the unit circle point at 315°

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

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

2

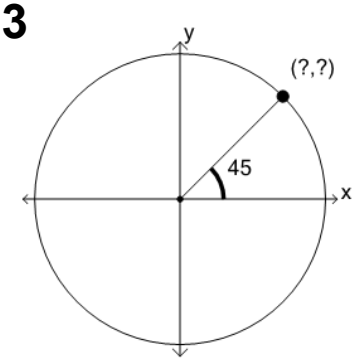


What are the coordinates of the unit circle point at 180°

A $(1, 0)$

B $(-1, 0)$

3

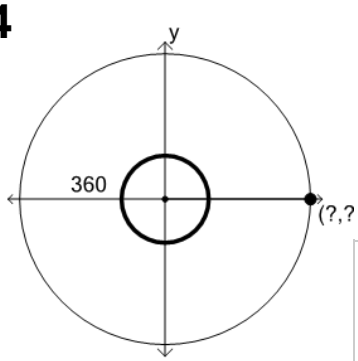


What are the coordinates of the unit circle point at 45°

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

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

4

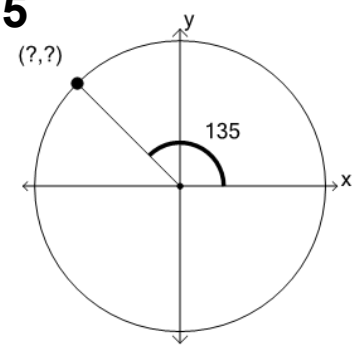


What are the coordinates of the unit circle point at 360°

A $(1, 0)$

B $(0, 1)$

5

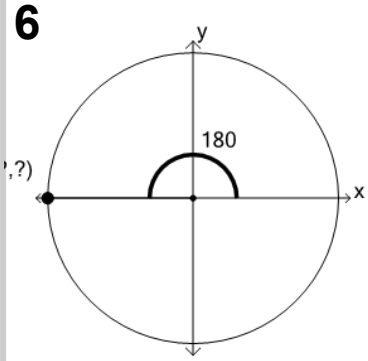


What are the coordinates of the unit circle point at 135°

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

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

6

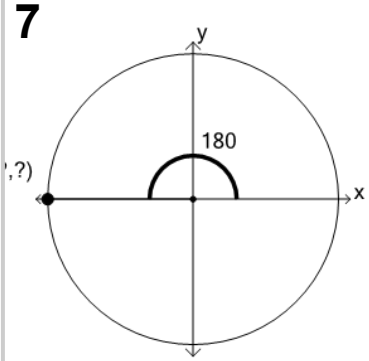


What are the coordinates of the unit circle point at 180°

A $(-1, 0)$

B $(1, 0)$

7

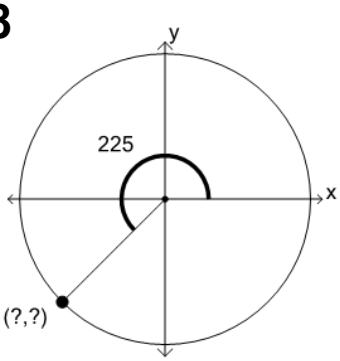


What are the coordinates of the unit circle point at 180°

A $(0, -1)$

B $(-1, 0)$

8



What are the coordinates of the unit circle point at 225°

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

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