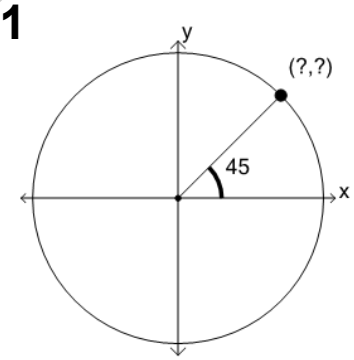
Name

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

1

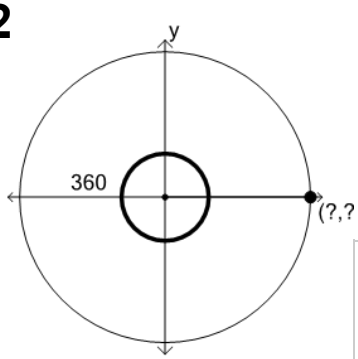


What are the coordinates of the unit circle point at 45°

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

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

2

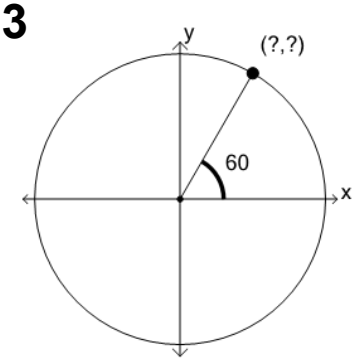


What are the coordinates of the unit circle point at 360°

A $(1, 0)$

B $(-1, 0)$

3

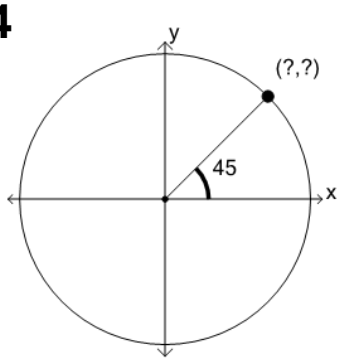


What are the coordinates of the unit circle point at 60°

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

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

4

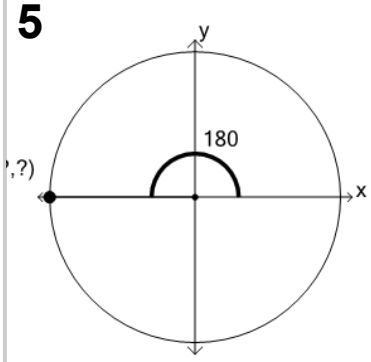


What are the coordinates of the unit circle point at 45°

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

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

5

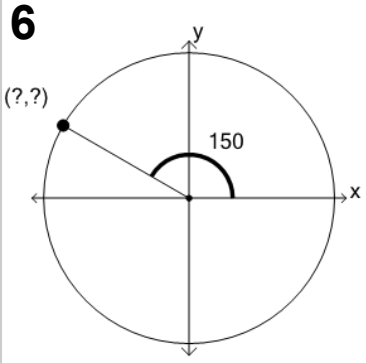


What are the coordinates of the unit circle point at 180°

A $(0, 1)$

B $(-1, 0)$

6

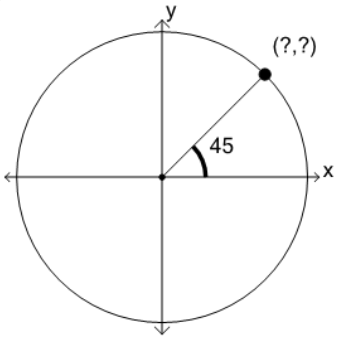


What are the coordinates of the unit circle point at 150°

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

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

7

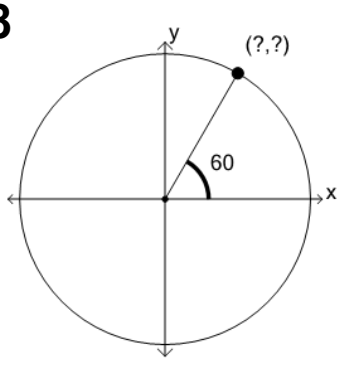


What are the coordinates of the unit circle point at 45°

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

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

8



What are the coordinates of the unit circle point at 60°

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

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