

1. Change 210° to radians:

- A) $\frac{6}{7}\pi$ B) $\frac{7}{6}\pi$ C) $\frac{5}{3}\pi$ D) 659π E) $\frac{2}{3}\pi$

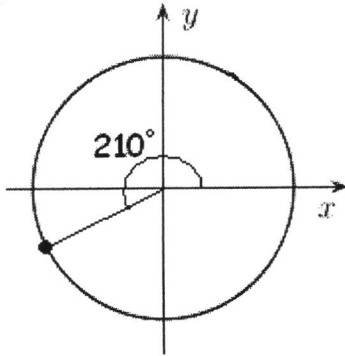
2. Change $\frac{7}{4}\pi$ to degrees:

- A) 1.75° B) 103° C) 225° D) 315° E) 630°

3. Which of the following is NOT equivalent to 135° :

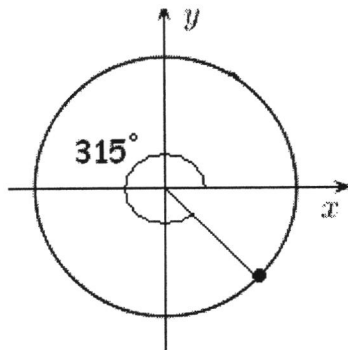
- A) -585° B) -225° C) 315° D) 495° E) 855°

4. Give the coordinates of the point shown:



- A) $\left(-\frac{\sqrt{3}}{2}, -\frac{1}{2}\right)$ B) $\left(-\frac{\sqrt{2}}{2}, -\frac{1}{2}\right)$ C) $\left(-\frac{1}{2}, -\frac{\sqrt{3}}{2}\right)$ D) $\left(-\frac{1}{2}, -\frac{\sqrt{2}}{2}\right)$ E) $\left(-\frac{\sqrt{3}}{2}, -\frac{\sqrt{2}}{2}\right)$

5. Give the coordinates of the point shown:



- A) $\left(\frac{\sqrt{2}}{3}, -\frac{\sqrt{2}}{3}\right)$ B) $\left(\frac{\sqrt{2}}{2}, -\frac{\sqrt{2}}{2}\right)$ C) $\left(\frac{\sqrt{3}}{2}, -\frac{\sqrt{2}}{2}\right)$ D) $\left(\frac{\sqrt{2}}{2}, -\frac{\sqrt{3}}{2}\right)$ E) $\left(\frac{\sqrt{3}}{2}, -\frac{\sqrt{3}}{2}\right)$

8(5)
4(4)
3(3)
2(2)
1(1)

1. Change 210° to radians:

$$210 \times \frac{\pi}{180}$$

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

B) $\frac{7}{6}\pi$

C) $\frac{5}{3}\pi$

D) 659π

E) $\frac{2}{3}\pi$

2. Change $\frac{7}{4}\pi$ to degrees:

$$\frac{7}{4} \times 180$$

A) 1.75°

B) 103°

C) 225°

D) 315°

E) 630°

3. Which of the following is NOT equivalent to 135° :

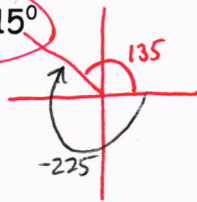
A) -585°
 $+360$
 -225

B) -225°

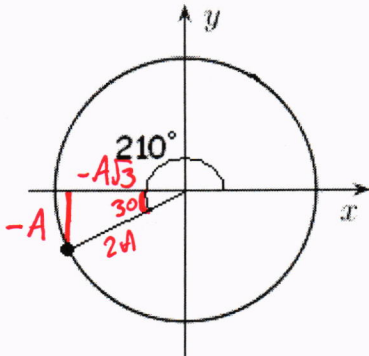
C) 315°

D) 495°
 -360
 135

E) 855°
 -360
 -360
 135



4. Give the coordinates of the point shown:



$$(\cos, \sin)$$

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

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

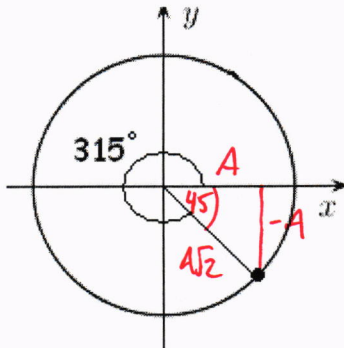
B) $\left(-\frac{\sqrt{2}}{2}, -\frac{1}{2}\right)$

C) $\left(-\frac{1}{2}, -\frac{\sqrt{3}}{2}\right)$

D) $\left(-\frac{1}{2}, -\frac{\sqrt{2}}{2}\right)$

E) $\left(-\frac{\sqrt{3}}{2}, -\frac{\sqrt{2}}{2}\right)$

5. Give the coordinates of the point shown:



$$(\cos, \sin)$$

$$\left(\frac{A}{A\sqrt{2}}, \frac{-A}{A\sqrt{2}}\right) = \left(\frac{1}{\sqrt{2}}, -\frac{1}{\sqrt{2}}\right) = \left(\frac{\sqrt{2}}{2}, -\frac{\sqrt{2}}{2}\right)$$

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

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

C) $\left(\frac{\sqrt{3}}{2}, -\frac{\sqrt{2}}{2}\right)$

D) $\left(\frac{\sqrt{2}}{2}, -\frac{\sqrt{3}}{2}\right)$

E) $\left(\frac{\sqrt{3}}{2}, -\frac{\sqrt{3}}{2}\right)$

1) B
2) D
3) C
4) A
5) B