

PRECALCULUS QUIZ #6

NO BOOKS, NOTES OR CALCULATORS

USE A PINK PAPER SCORE. TEST FORM A

#1) $\sin(\sin^{-1}(-\frac{\sqrt{2}}{2})) =$

A) $-\frac{\sqrt{2}}{2}$ B) $\frac{\sqrt{2}}{2}$ C) -2 D) 0 E) NONE OF THE ABOVE

#2) $\sin(\sin^{-1}(3\pi/4)) =$

A) $\pi/4$ B) $\frac{\sqrt{2}}{2}$ C) $\frac{1}{2}$ D) $\frac{\pi}{3}$ E) NONE OF THE ABOVE

#3) $\sin(\sin^{-1}(0)) =$

A) 0 B) π C) 1 D) -1 E) NONE OF THE ABOVE

#4) $\sin^{-1}(\sin(\frac{13\pi}{2})) =$

A) $\frac{13\pi}{2}$ B) $\frac{\pi}{2}$ C) $\frac{\sqrt{2}}{2}$ D) 1 E) NONE OF THE ABOVE

#5) $\sin(\sin^{-1}(-9)) =$

A) 9 B) -9 C) 0 D) π E) NONE OF THE ABOVE

$$\#6) \sin(\sin^{-1}(\frac{\pi}{2})) =$$

- A) $\frac{\pi}{2}$ B) 1 C) 0 D) $\frac{\sqrt{2}}{2}$ E) NONE OF THE ABOVE
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$$\#7) \sin^{-1}(\sin(\frac{13\pi}{4})) =$$

- A) $\frac{13\pi}{4}$ B) $\frac{5\pi}{4}$ C) $-\frac{3\pi}{4}$ D) $-\frac{\sqrt{2}}{2}$ E) NONE OF THE ABOVE
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$$\#8) \sin(\sin^{-1}(-\frac{\sqrt{3}}{2})) =$$

- A) $\frac{\pi}{3}$ B) $\frac{5\pi}{3}$ C) $-\frac{\pi}{3}$ D) $-\frac{\sqrt{3}}{2}$ E) NONE OF THE ABOVE
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$$\#9) \sin^{-1}(\sin(\frac{7\pi}{3})) =$$

- A) $\frac{7\pi}{3}$ B) $\frac{\pi}{3}$ C) $\frac{\sqrt{3}}{2}$ D) $-\frac{\pi}{3}$ E) NONE OF THE ABOVE
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$$\#10) \sin(\sin^{-1}(\pi-3)) =$$

- A) $\pi-3$ B) $3-\pi$ C) $\frac{\pi}{3}$ D) $\frac{2\pi}{3}$ E) NONE OF THE ABOVE
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