ARIZONA PRECALCULUS · UNIT 2 · 5 QUESTIONS

Trigonometry — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 The value of $\cos \frac{\pi}{3}$ is

- **A** $\frac{\sqrt{3}}{2}$
- **B** $\frac{\sqrt{2}}{2}$
- **C** 0
- **D** $\frac{1}{2}$

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2 The value of $\sin \frac{\pi}{3}$ is

- A $\frac{\sqrt{3}}{2}$
- B $\frac{1}{2}$
- C 1
- D $\frac{\sqrt{2}}{2}$

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3 The value of $\sin \frac{3\pi}{2}$ is

- A 0
- B $\frac{1}{2}$
- C 1
- D -1

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4 If $\cos\theta = \frac{5}{13}$ and θ is in Quadrant I, then $\sin\theta$ is

- **A** $\frac{12}{13}$
- **B** $\frac{5}{12}$
- **C** $-\frac{12}{13}$
- **D** $\frac{13}{12}$

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5 For y = 2sin x, the amplitude is

- **A** 2
- **B** 2π
- **C** 1
- **D** 4

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ANSWER KEY

1. D
2. A
3. D
4. A
5. A

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