ALASKA 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 $\sin \frac{\pi}{3}$ is

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

Understand It with Pulse | Flag a mistake

2 The value of cos π 6 is

A $\frac{1}{2}$

B $\frac{\sqrt{3}}{2}$

C $-\frac{1}{2}$

D 1

Understand It with Pulse | Flag a mistake

3 The value of tan $\frac{\pi}{3}$ is

A 1

B $\frac{1}{\sqrt{3}}$

C $\sqrt{3}$

D 0

Understand It with Pulse | Flag a mistake

4 An angle of 225° in radians is

- **A** $\frac{3\pi}{4}$
- **B** $\frac{5\pi}{4}$
- **C** $\frac{7\pi}{4}$
- **D** $\frac{5\pi}{6}$

Understand It with Pulse | Flag a mistake

5 An angle of $\frac{5\pi}{6}$ radians in degrees is

- **A** 120°
- **B** 135°
- **C** 150°
- **D** 210°

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. C
4. B
5. C

© 2026 Brett Robbins. All Rights Reserved.