ILLINOIS 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 30° is**

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

Understand It with Pulse | Flag a mistake

2 The value of cos 60° is

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

Understand It with Pulse | Flag a mistake

3 The value of tan 60° is

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

Understand It with Pulse | Flag a mistake

4 **A wooden extension ladder leans at a steep angle against a plain white house wall. An angle of 90° in radians is**



A π

B $\frac{\pi}{2}$

C $\frac{\pi}{4}$

D 2π

Understand It with Pulse | Flag a mistake

5 **The reference angle for 315° is**

A 45°

B 135°

C 15°

D 75°

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.