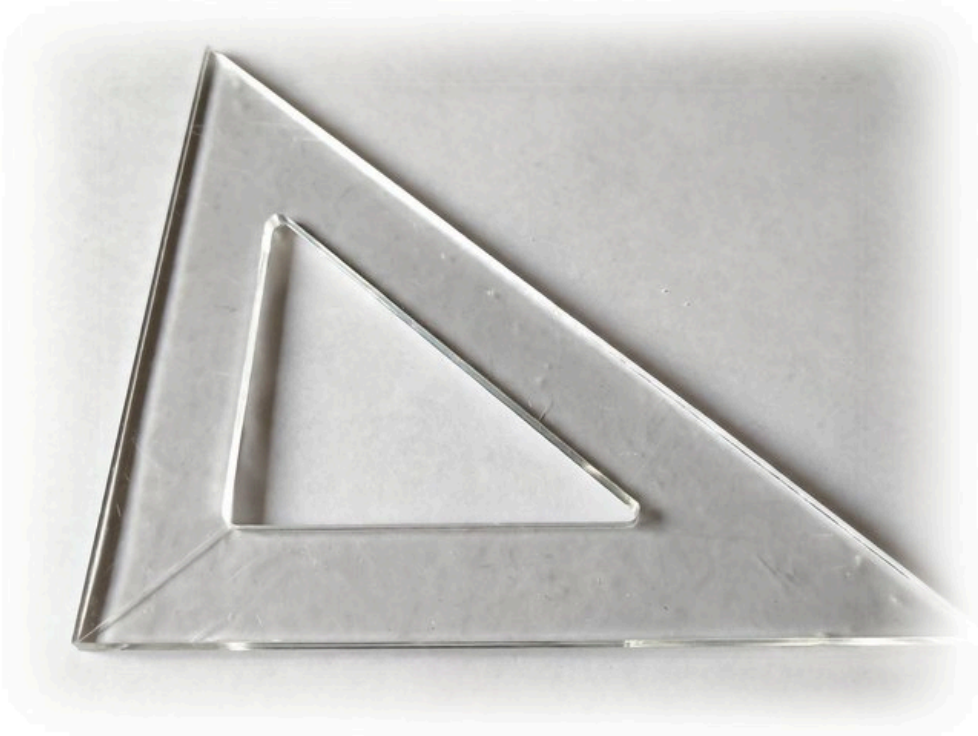
INDIANA PRECALCULUS · UNIT 2 · 5 QUESTIONS

# 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** **A clear plastic triangular set square ruler lies flat on a plain white surface. 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

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**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** **An angle of 90° in radians is**

- **A** $\pi$
- **B** $\frac{\pi}{2}$
- **C** $\frac{\pi}{4}$
- **D** $2\pi$

Understand It with Pulse | Flag a mistake

**5** **The reference angle for 315° is**

- **A** 45°
- **B** 135°
- **C** 15°
- **D** 75°

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## ANSWER KEY

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

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