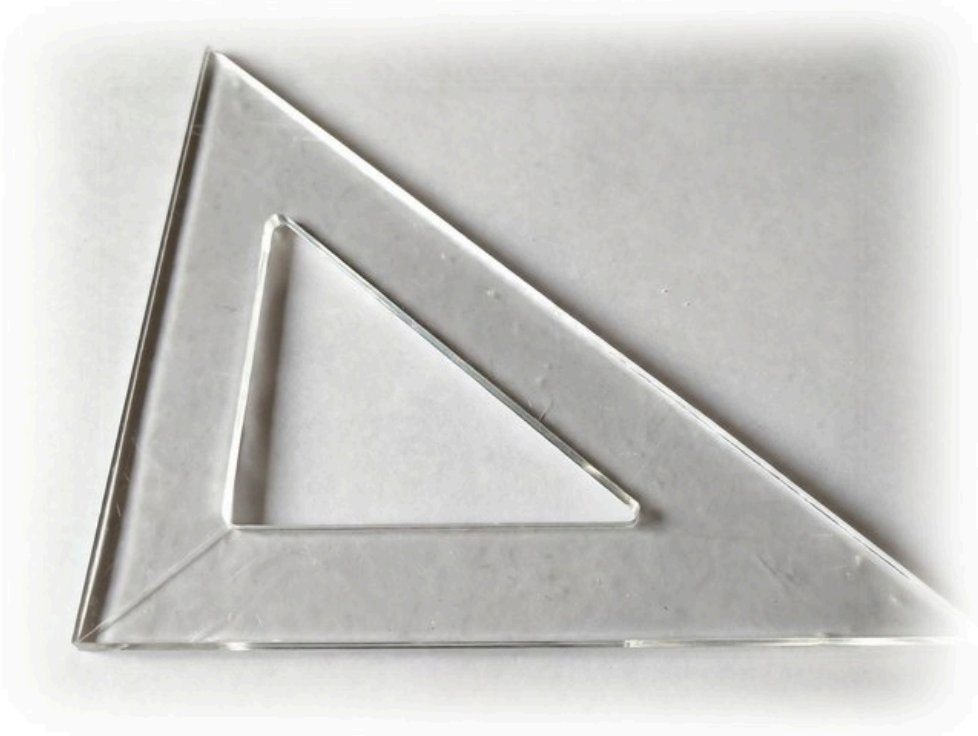
MASSACHUSETTS PRECALCULUS · UNIT 2 · 5 QUESTIONS

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

B 1

C $\sqrt{\frac{2}{2}}$

D $\frac{1}{2}$

Understand It with Pulse | Flag a mistake

2 **The value of cos 60° is**

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

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3 **The value of tan 60° is**

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

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4 **An angle of 90° in radians is**

A π

B π/2

C π/4

D 2π

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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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