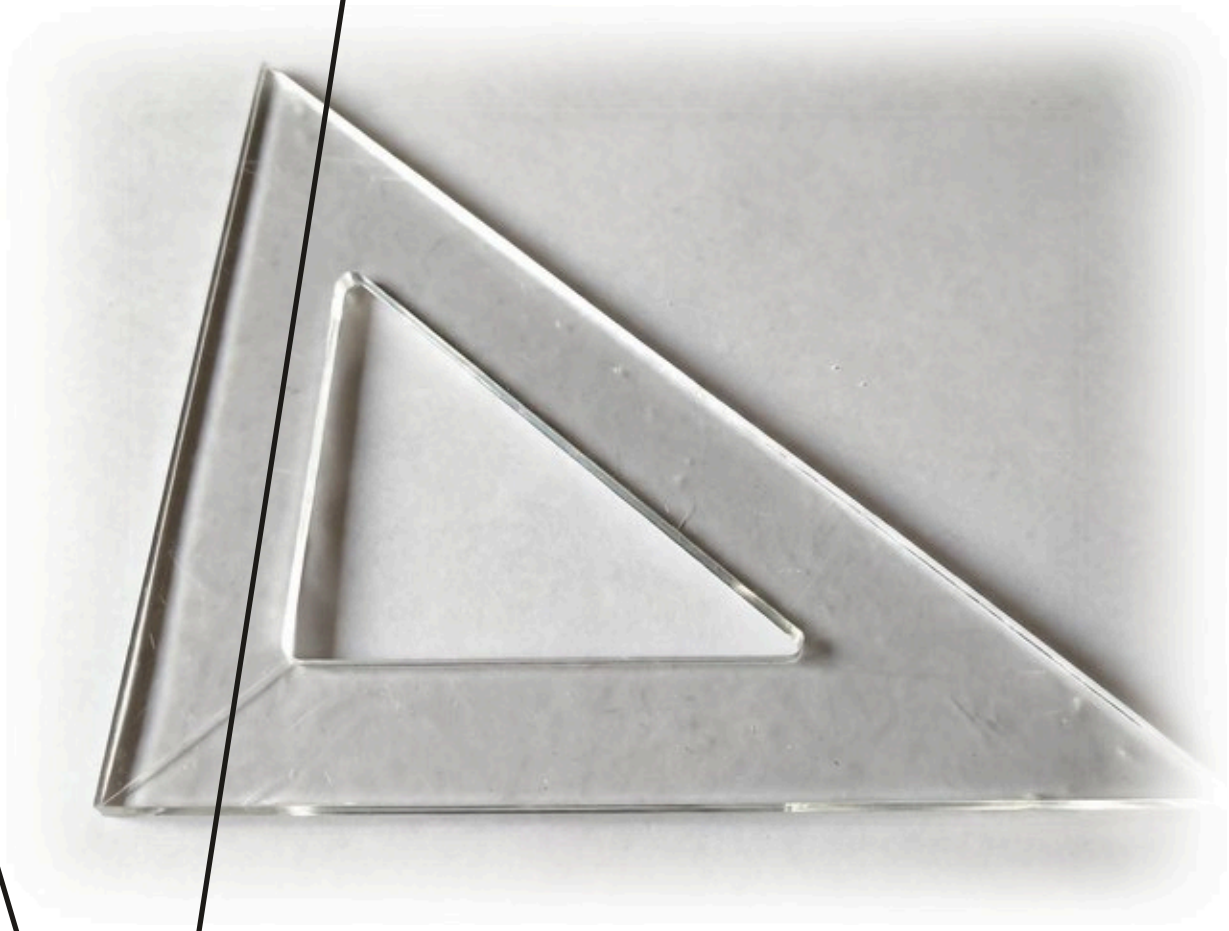
NORTHWEST TERRITORIES PRE-CALCULUS 12 (MPREC12) · UNIT C · 5 QUESTIONS

Trigonometric Functions and Identities 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 amplitude of $y = 5 \cos x$ is**



A 5

B 1

C 2π

D 10

Understand It with Pulse | Flag a mistake

2 **The period of y = sin(4x) is**

A π

B 2π

C $\frac{\pi}{}$

D 4π

Understand It with Pulse | Flag a mistake

3 **The phase shift of y = cos(x + $\frac{\pi}{4}$) is**

A right by $\frac{\pi}{}$

B left by $\frac{\pi}{}$

C left by π

D up by $\frac{\pi}{}$

Understand It with Pulse | Flag a mistake

4 For y = cos x, with point P at x = 0, the value at P is

- A 1
- B 0
- C -1
- D 2

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.