SASKATCHEWAN PRE-CALCULUS 30 · UNIT A · 10 QUESTIONS

Trigonometric Functions, Equations 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 **An angle of 200 degrees lies in quadrant**

- A I
- B III
- C II
- D IV

Understand It with Pulse | Flag a mistake

2 **The exact value of cos 120 degrees is**

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

Understand It with Pulse | Flag a mistake

3 **The exact value of tan 30 degrees is**

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

Understand It with Pulse | Flag a mistake

4 **The reference angle for 120 degrees is**

- A 60°
- B 120°
- C 30°
- D 90°

Understand It with Pulse | Flag a mistake

5 **The exact value of sin 240 degrees is**

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

Understand It with Pulse | Flag a mistake

6 **An angle of 300 degrees lies in quadrant**

A I

B II

C III

D IV

Understand It with Pulse | Flag a mistake

7 **The exact value of cos 60 degrees is**

A $-\sqrt{2}/2$

B 1

C $\frac{1}{2}$

D 0

Understand It with Pulse | Flag a mistake

8 **The exact value of tan 45 degrees is**

A 1

B $\sqrt{3}/3$

C $\sqrt{3}$

D $-\sqrt{3}/3$

Understand It with Pulse | Flag a mistake

9 **The reference angle for 170 degrees is**

A 170°

B 10°

C 80°

D 90°

Understand It with Pulse | Flag a mistake

10 **An angle of 150 degrees lies in quadrant**

A I

B III

C II

D IV

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. B
3. D
4. A
5. B
6. D
7. C
8. A
9. B
10. C

© 2026 Brett Robbins. All Rights Reserved.