SASKATCHEWAN PRE-CALCULUS 20 · UNIT B · 10 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 135 degrees is**

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

Understand It with Pulse | Flag a mistake

2 **The reference angle for 200 degrees is**

- A 200°
- B 160°
- C 20°
- D 90°

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3 **In a triangle , side a = 25 , angle A = 30 degrees and angle B = 45 degrees . Side b is approximately**

- A 37.4
- B 33.4
- C 25
- D 35.4

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4 **An angle of 225 degrees lies in quadrant**

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

Understand It with Pulse | Flag a mistake

5 **In a triangle , side a = 25 , angle A = 45 degrees and angle B = 30 degrees . Side b is approximately**

- A 19.7
- B 17.7
- C 15.7
- D 25

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

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

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7 **In a triangle , side a = 15 , angle A = 45 degrees and angle B = 60 degrees . Side b is approximately**

- A 20.4
- B 16.4
- C 15
- D 18.4

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8 **In a triangle , side a = 30 , angle A = 30 degrees and angle B = 45 degrees . Side b is approximately**

- A 42.4
- B 44.4
- C 40.4
- D 30

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9 **The value of sin 45 degrees is**

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

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10 **In a triangle , side a = 20 , angle A = 60 degrees and angle B = 30 degrees . Side b is approximately**

- **A** 13.5
- **B** 9.5
- **C** 11.5
- **D** 20

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ANSWER KEY

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

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