NEWFOUNDLAND AND LABRADOR MATHEMATICS 3200 · UNIT C · 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 **Wooden extension ladder leaning at a steep angle against a plain white house wall, ladder large in frame, clear blue sky. The angle 180° in radians is**



A π/3

B 3π/2

C 2π

D π

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2 **The exact value of sin 45° is**

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

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3 **The exact value of tan 45° is**

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

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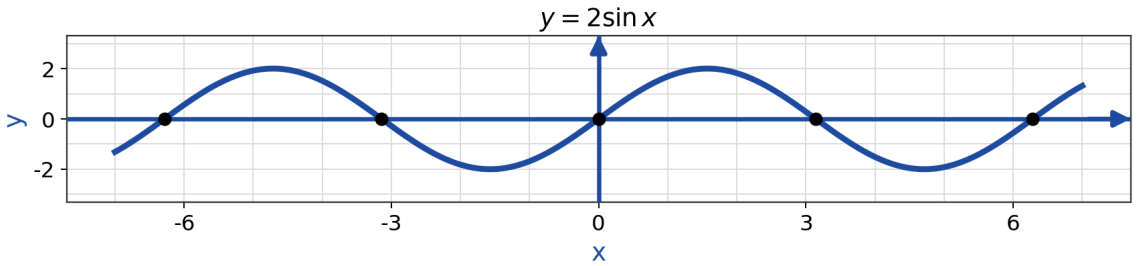
4 **The graph shows y = 2 sin x . Its amplitude is**



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

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5 **The midline of y = 2 cos x + 1 is**

- **A** y = 1
- **B** y = 2
- **C** y = 0
- **D** y = -1

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ANSWER KEY

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

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