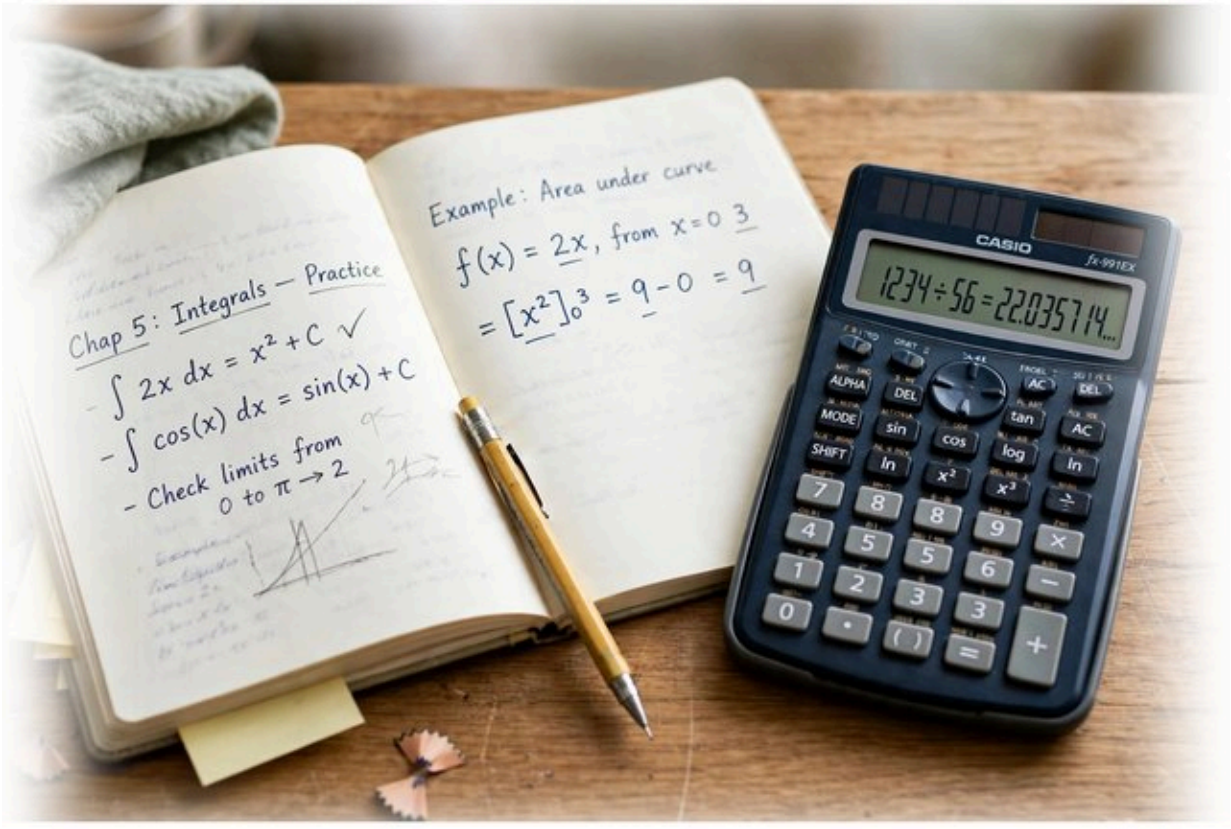
PRINCE EDWARD ISLAND FOUNDATIONS OF MATHEMATICS 12 · UNIT E · 10 QUESTIONS

Exponential, Logarithmic and Trigonometric Functions — 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 base 10 logarithm of 10000 is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **The value of 4^3 is**



ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A population of 200 bacteria doubles every hour. After 4 hours the population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A quantity falls by 20 percent each year from 500. After 1 year the quantity is**

ANSWER

Understand It with Pulse | Flag a mistake

5 **The tangent of 45 degrees as a decimal is**

ANSWER

Understand It with Pulse | Flag a mistake

6 **The base 2 logarithm of 16 is**

ANSWER

Understand It with Pulse | Flag a mistake

7 **The value of 10^2 is**

ANSWER

Understand It with Pulse | Flag a mistake

8 **A population of 150 bacteria doubles every hour. After 3 hours the population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The base 2 logarithm of 32 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The value of 3^4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 4
2. 64
3. 3200
4. 400
5. 1
6. 4
7. 100
8. 1200
9. 5
10. 81

© 2026 Brett Robbins. All Rights Reserved.