CONNECTICUT ALGEBRA II · UNIT 3 · 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 **A population of 100 doubles once. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A population of 200 doubles once. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A population of 50 doubles once. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A population of 80 doubles once. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A population of 1000 doubles once. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The tan 30° is**

A 1

B $\sqrt{3}$

C 0

D $\sqrt{\frac{3}{3}}$

Understand It with Pulse | Flag a mistake

7 **The tan 45° is**

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

Understand It with Pulse | Flag a mistake

8 **The tan 60° is**

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

Understand It with Pulse | Flag a mistake

9 The tan 0° is

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

Understand It with Pulse | Flag a mistake

10 The tan 90° is

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

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 200
2. 400
3. 100
4. 160
5. 2000
6. D
7. A
8. B
9. C
10. D

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