TENNESSEE PRECALCULUS · TENNESSEE

Tennessee Precalculus

Practice Test

Unit 4: Limits, Sequences, and Series

5 Questions

Original practice test based on the Tennessee curriculum. Work through each question, then check your answers at the end.

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.

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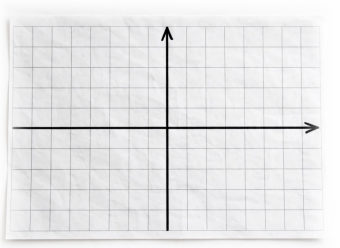

Question 1

The limit $\lim_{x \to 5}(x^2 - 4)$ is

A) 21

B) 25

C) 20

D) 29

Understand It with Pulse | Flag a mistake

Question 2

Find $\lim_{x \to 1} \frac{x^2 - 1}{x - 1}$

A) 0

B) 1

C) 2

D) 3

Understand It with Pulse | Flag a mistake

Question 3

Find $\lim_{x \to \infty} \frac{5}{x^2}$

A) 5

B) 1

C) ∞

D) 0

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Question 4

Find $\lim_{x \to \infty} \frac{2x+1}{x+3}$

A) 0

B) 1

C) 2

D) 3

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Question 5

For $a_n = 4n - 3$, the seventh term is

A) 21

B) 25

C) 28

D) 31

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ANSWER KEY

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

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