DELAWARE PRECALCULUS · UNIT 4 · 5 QUESTIONS

Limits, Sequences, and Series — 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 **Find the limit as x approaches -3 of $4x^2 + 3$.**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An arithmetic sequence starts with 5 and has common difference 3. The 5 term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A geometric sequence starts with 2 and has common ratio 2. The 4 term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Find the limit as x approaches 1 of $1x^2 + 3$.**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Find the sum of the first 6 terms of an arithmetic series with first term 2 and common difference 2.**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 39
2. 17
3. 16
4. 4
5. 42

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