NORTHWEST TERRITORIES PRE-CALCULUS 12 (MPREC12) · UNIT D · 5 QUESTIONS

Sequences, Series and Rational 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 **Bacteria in a dish triple every hour. The next term of 2, 6, 18, 54, … is**



A 72

B 108

C 162

D 216

Understand It with Pulse | Flag a mistake

2 **For $a_n = 5 \cdot 3^{n-1}$, the 3rd term is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The common ratio of 64, 16, 4, 1, … is**

A -4

B 4

C $\frac{1}{}$

D 16

Understand It with Pulse | Flag a mistake

4 **The sum 5 + 10 + 20 + 40 is**

A 70

B 75

C 65

D 80

Understand It with Pulse | Flag a mistake

5 **The infinite sum 12 + 6 + 3 + cdots is**

A 21

B 24

C 18

D 36

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. C
2. 45
3. C
4. B
5. B

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