SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 30 · UNIT D · 5 QUESTIONS

Polynomial Functions and Data Analysis — 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 single antique leather-bound book with worn brown covers lies on a dark wooden table. A polynomial of degree 3 has leading coefficient -1. As x increases without bound, the function**



A decreases without bound

B increases without bound

C approaches 0

D approaches a constant

Understand It with Pulse | Flag a mistake

2 **A polynomial of degree 4 has leading coefficient -2. As x increases without bound, the function**

A increases without bound

B decreases without bound

C approaches 0

D approaches a constant

Understand It with Pulse | Flag a mistake

3 **A polynomial has a factor x minus (-4). One zero of the polynomial is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A polynomial has a factor x minus (-5). One zero of the polynomial is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A polynomial function of degree 4 has at most how many turning points**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. -4
4. -5
5. 3

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