SASKATCHEWAN CALCULUS 30 · UNIT C · 5 QUESTIONS

Curve Sketching with Derivatives — 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 **For $f(x) = x^2 - 18x + 5$, the minimum value of the function is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A long straight open country road stretching to the horizon through flat farmland, vanishing point in the distance, blue sky with a few clouds, no people, no cars. For $f(x) = x^2 + 16x$, the critical point occurs at x =**



ANSWER _____

Understand It with Pulse | Flag a mistake

3 **For $f(x) = x^2 - 14x$, the critical point occurs at x =**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **For $f(x) = x^2 - 16x + 5$, the minimum value of the function is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **For $f(x) = x^2 - 6x + 5$, the minimum value of the function is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. -76
2. -8
3. 7
4. -59
5. -4

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