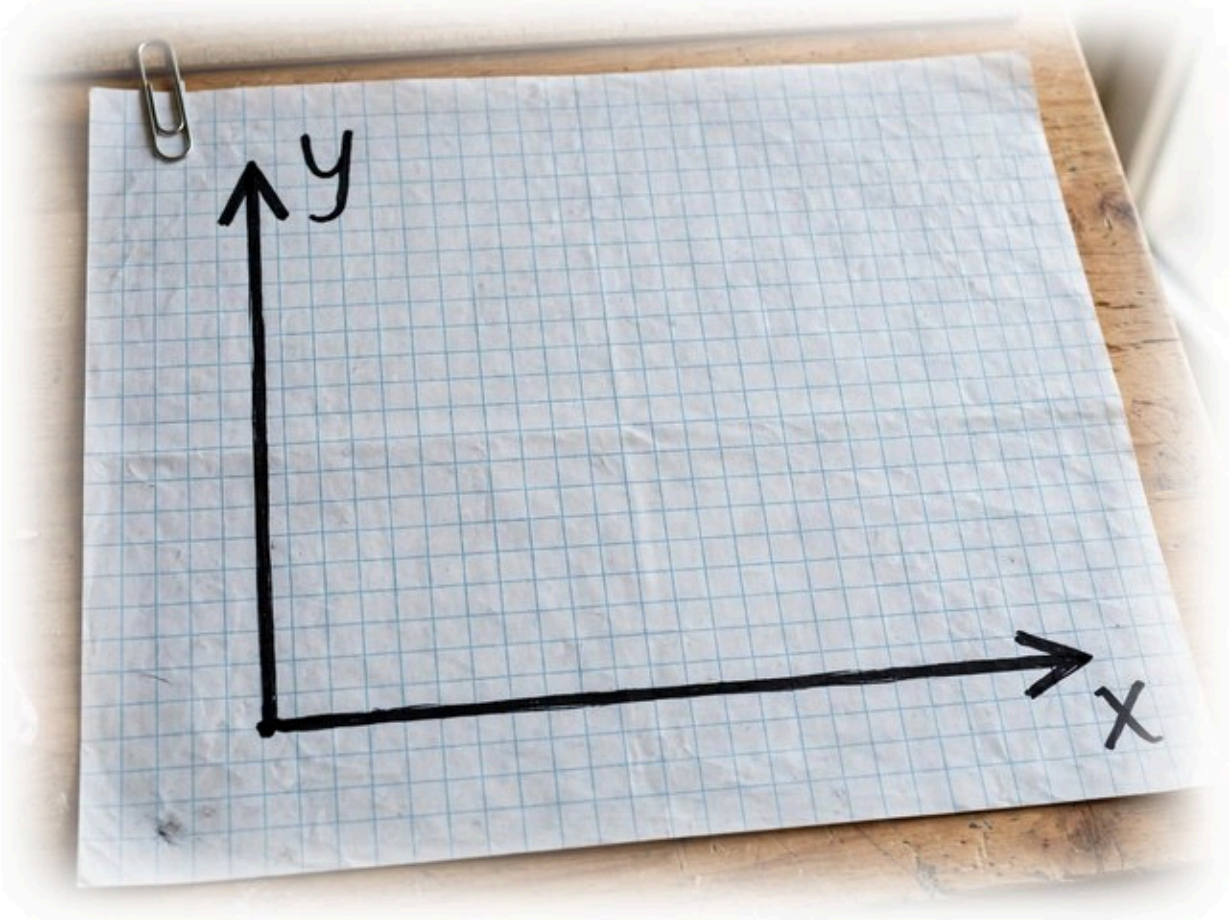
NOVA SCOTIA CALCULUS 12 · UNIT D · 5 QUESTIONS

Applications of 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 **A position function is s of t = 1t² + 2t . Find the velocity at t = 6 .**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A position function is s of t = 4t² + 3t . Find the velocity at t = 2 .**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A position function is s of t = 2t² + 1t . Find the velocity at t = 5 .**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A position function is s of t = 3t² + 2t . Find the velocity at t = 3 .**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A position function is s of t = 1t² + 5t . Find the velocity at t = 2 .**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 14
2. 19
3. 21
4. 20
5. 9

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