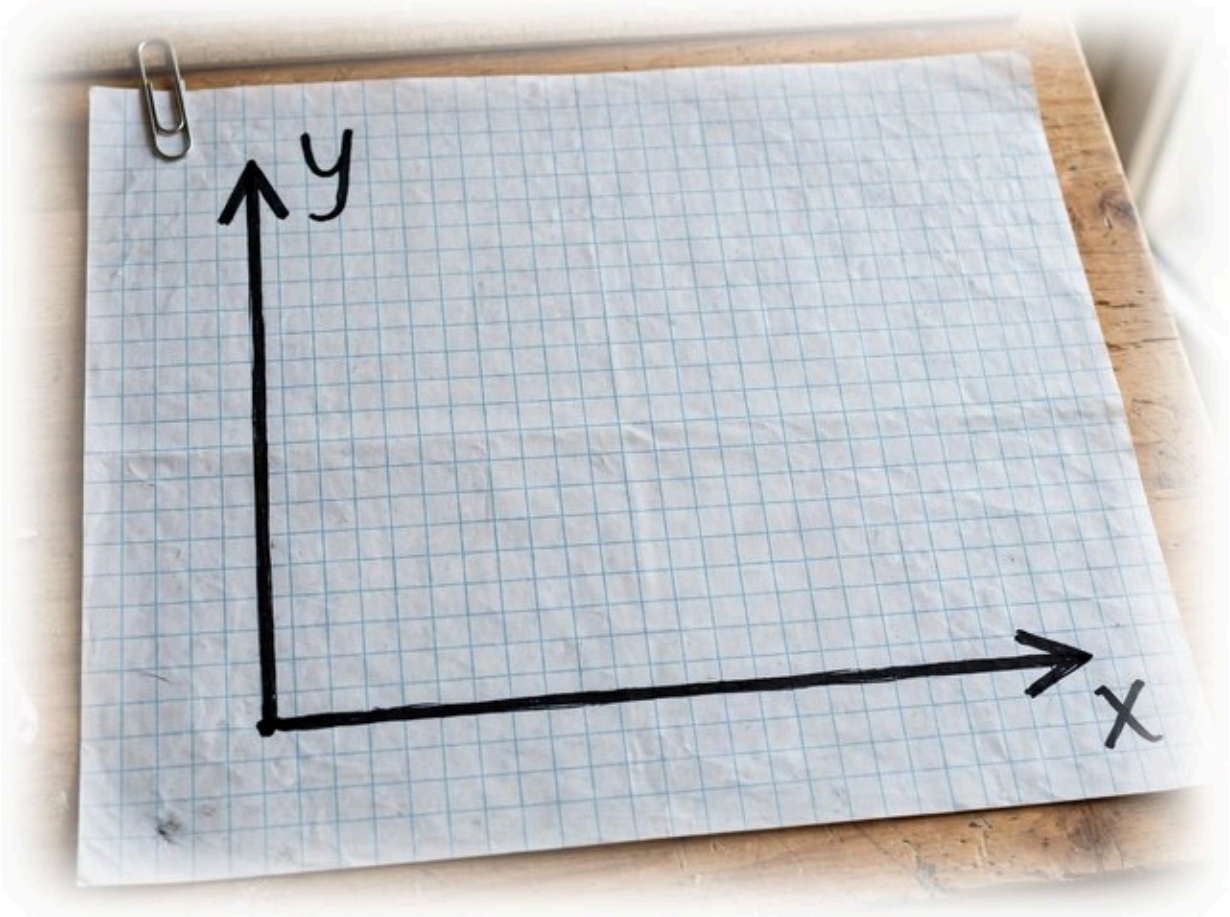
SASKATCHEWAN CALCULUS 30 · UNIT E · 5 QUESTIONS

Derivatives of Transcendental 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 **The derivative of cos 6x is**



A 6sin 6x

B sin 6x

C -6sin 6x

D -6cos 6x

Understand It with Pulse | Flag a mistake

2 **The derivative of sin 7x is**

A cos 7x

B 7sin 7x

C -cos 7x

D 7cos 7x

Understand It with Pulse | Flag a mistake

3 **The derivative of e^{9x} is**

A $9e^{9x}$

B e^{9x}

C $9e^{x}$

D e^{9}

Understand It with Pulse | Flag a mistake

4 **The derivative of cos 9x is**

A 9sin 9x

B sin 9x

C -9sin 9x

D -9cos 9x

Understand It with Pulse | Flag a mistake

5 **The derivative of 4sin x is**

A 4cos x

B cos x

C 4sin x

D -4cos x

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. C
2. D
3. A
4. C
5. A

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