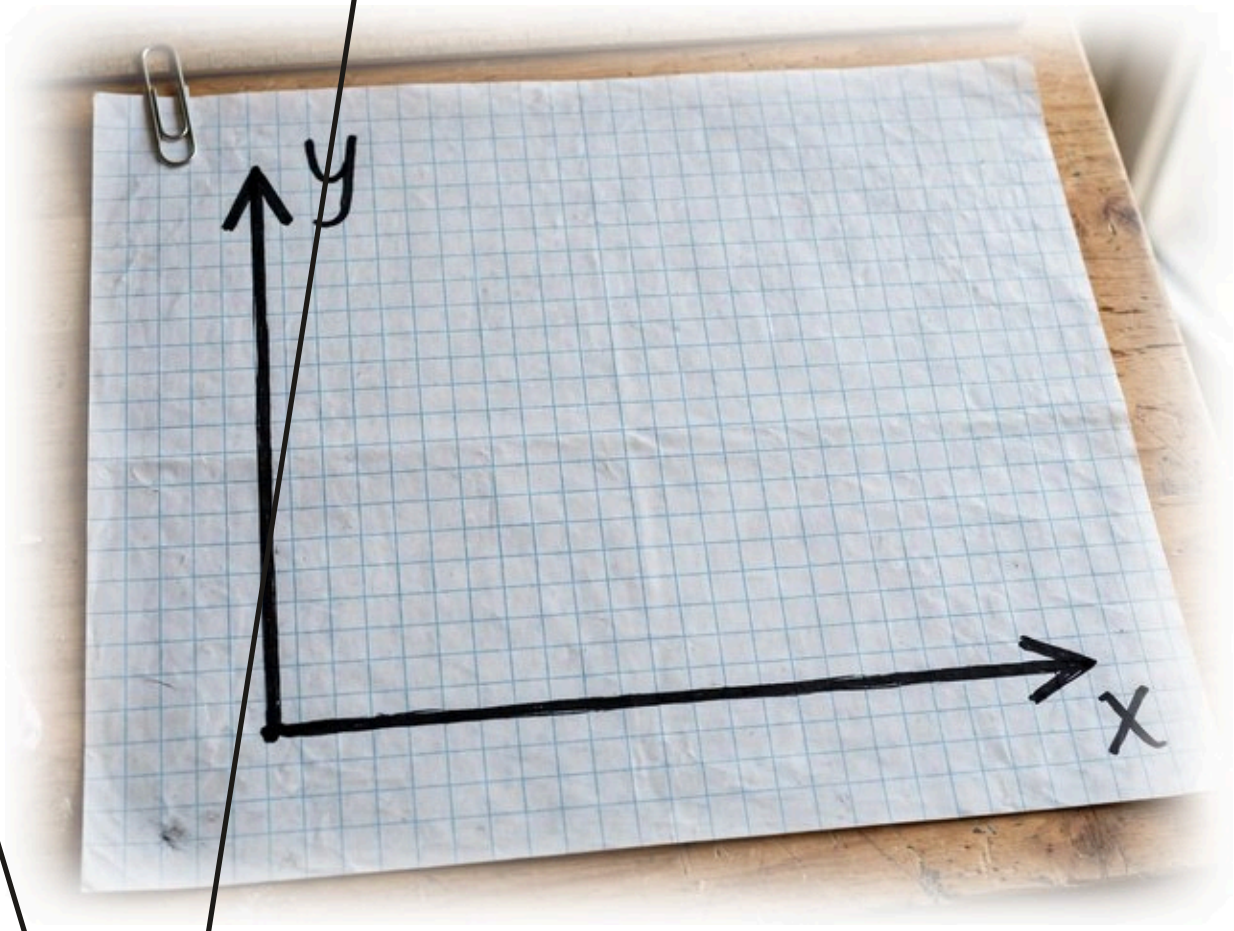
YUKON CALCULUS 12 (MCALC12) · UNIT A · 5 QUESTIONS

Functions, Graphs and Limits — 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 domain of f(x) = ln(x + 2) is**



A x > -2

B x ≥ -2

C x > 2

D x ≥ 2

Understand It with Pulse | Flag a mistake

2 **The range of f(x) = $\sqrt{x}$ + 3 is**

A y ≥ 0

B y > 3

C y ≥ 3

D y ≤ 3

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3 **If f(x) = x² and g(x) = 2x - 1, then g(f(3)) is**

A 17

B 35

C 5

D 11

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4 **The inverse of f(x) = 2x - 7 is**

- **A** $f^{-1}(x) = \frac{x - 7}{}$
- **B** $f^{-1}(x) = \frac{x + 7}{}$
- **C** $f^{-1}(x) = 2x + 7$
- **D** $f^{-1}(x) = \frac{x}{}$

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5 **The function $f(x) = x^4 + 3x^2$ is**

- **A** odd
- **B** neither even nor odd
- **C** even
- **D** both even and odd

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ANSWER KEY

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

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