NEWFOUNDLAND AND LABRADOR MATHEMATICS 3200 · UNIT B · 5 QUESTIONS

Function Operations — 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 **If f(2) = 7 and g(2) = 2 , then (f - g)(2) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **If f(x) = 1x + 5 and g(x) = x + -2 , then (f ° g)(1) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **If f(x) = 4x + 3 and g(x) = x^2 , then (f ° g)(x) is**

A $4x^2$

B $(4x + 3)^2$

C $4x + 3$

D $4x^2 + 3$

Understand It with Pulse | Flag a mistake

4 **Colourful spinner wheel is divided into eight equal sections, no numbers. The domain of (f ° g)(x) where g(x) = $\sqrt{x - 1}$ and f is defined for all real numbers is**



A $x > 1$

B $x \geq 1$

C $x \geq 0$

D $x \leq 1$

Understand It with Pulse | Flag a mistake

5 **The domain of f(x) = 1/x - 3 is all real numbers except**

A x = 3

B x = -3

C x = 0

D x = 1

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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