ONTARIO ADVANCED FUNCTIONS, GRADE 12, UNIVERSITY PREPARATION (MHF4U) · UNIT D · 5 QUESTIONS

Combining Functions and Rates of Change — 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 + 1 and g(x) = x - 4 the value of (f ° g)(3) is

- **A** 1
- **B** -1
- **C** 0
- **D** 2

Understand It with Pulse | Flag a mistake

2 **For f(x) = x + 5 and g(x) = 3x the value of (f + g)(2) is**

A 14

B 13

C 12

D 16

Understand It with Pulse | Flag a mistake

3 **For f(x) = 5x and g(x) = x + 4 the product (fg)(2) is**

A 62

B 58

C 60

D 65

Understand It with Pulse | Flag a mistake

4 For f(x) = x + 7 and g(x) = 2x the value of (f ° g)(3) is

- A 14
- B 13
- C 12
- D 6

Understand It with Pulse | Flag a mistake

5 For f(x) = x^2 + 2 and g(x) = x the value of (f - g)(3) is

- A 9
- B 7
- C 8
- D 11

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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