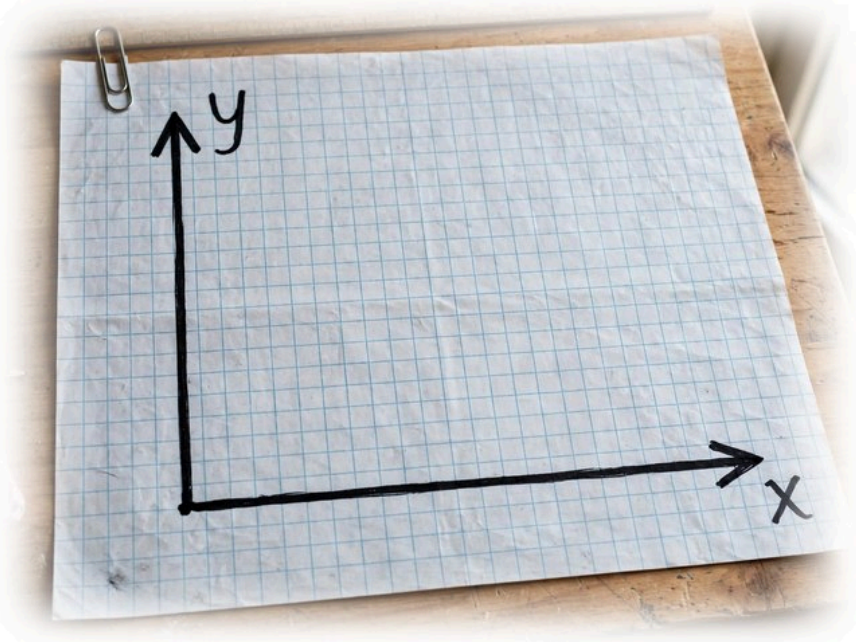
MANITOBA PRE-CALCULUS MATHEMATICS 40S · UNIT C · 5 QUESTIONS

Function Transformations, Operations, Compositions and Inverses — 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 coordinate grid shows x and y axes. Let f(x) = 5x + 3 and g(x) = 2x + 6 . The value of f(g(3)) is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Evaluate 5 × 2² . The result is**

ANSWER

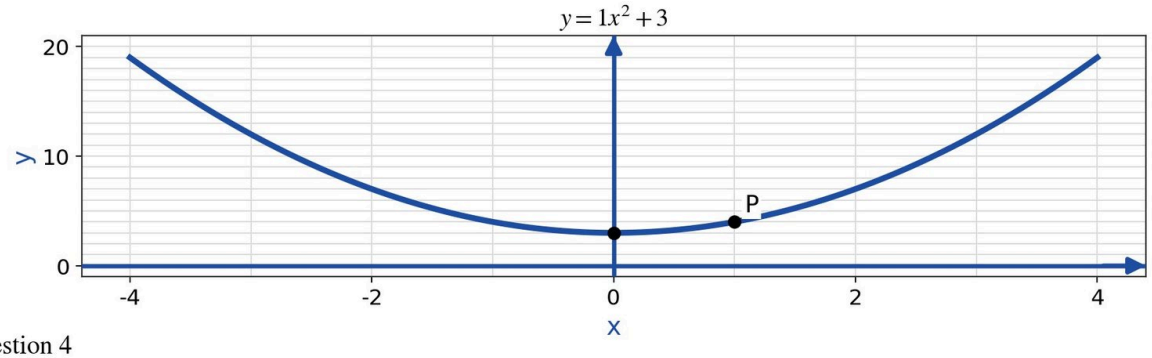
Understand It with Pulse | Flag a mistake

3 **Let f(x) = 5x + 9 . The inverse function at 29 is**

ANSWER

Understand It with Pulse | Flag a mistake

4 **The graph shows y = 1x + 3 . The value of f(1) is**



Question 4

The graph shows $y = 1x + 3$. The value of $f(1)$ is

ANSWER

Understand It with Pulse | Flag a mistake

5 **Let f(x) = 3x + 3 and g(x) = 2x + 5 . The value of f(g(3)) is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 63
2. 20
3. 4
4. 4
5. 36

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