MANITOBA APPLIED MATHEMATICS 40S · UNIT D · 5 QUESTIONS

Relations and Functions — Practice Test

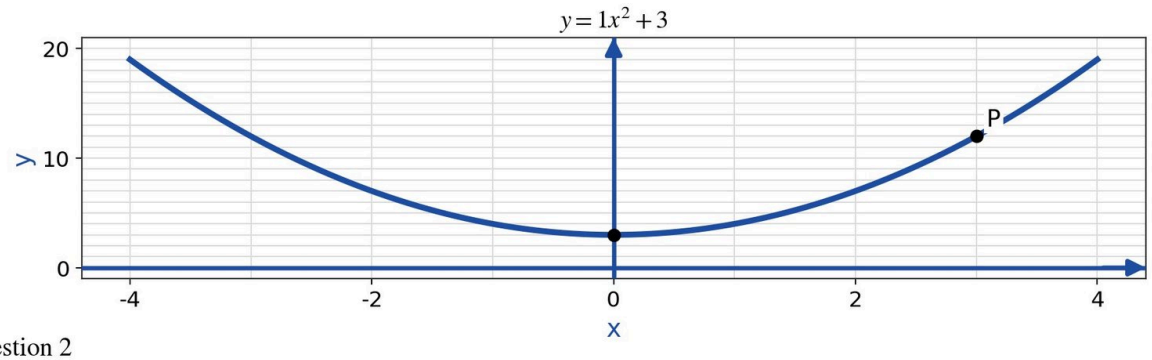
This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Evaluate 3×2^2 . The result is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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



Question 2

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

ANSWER _____

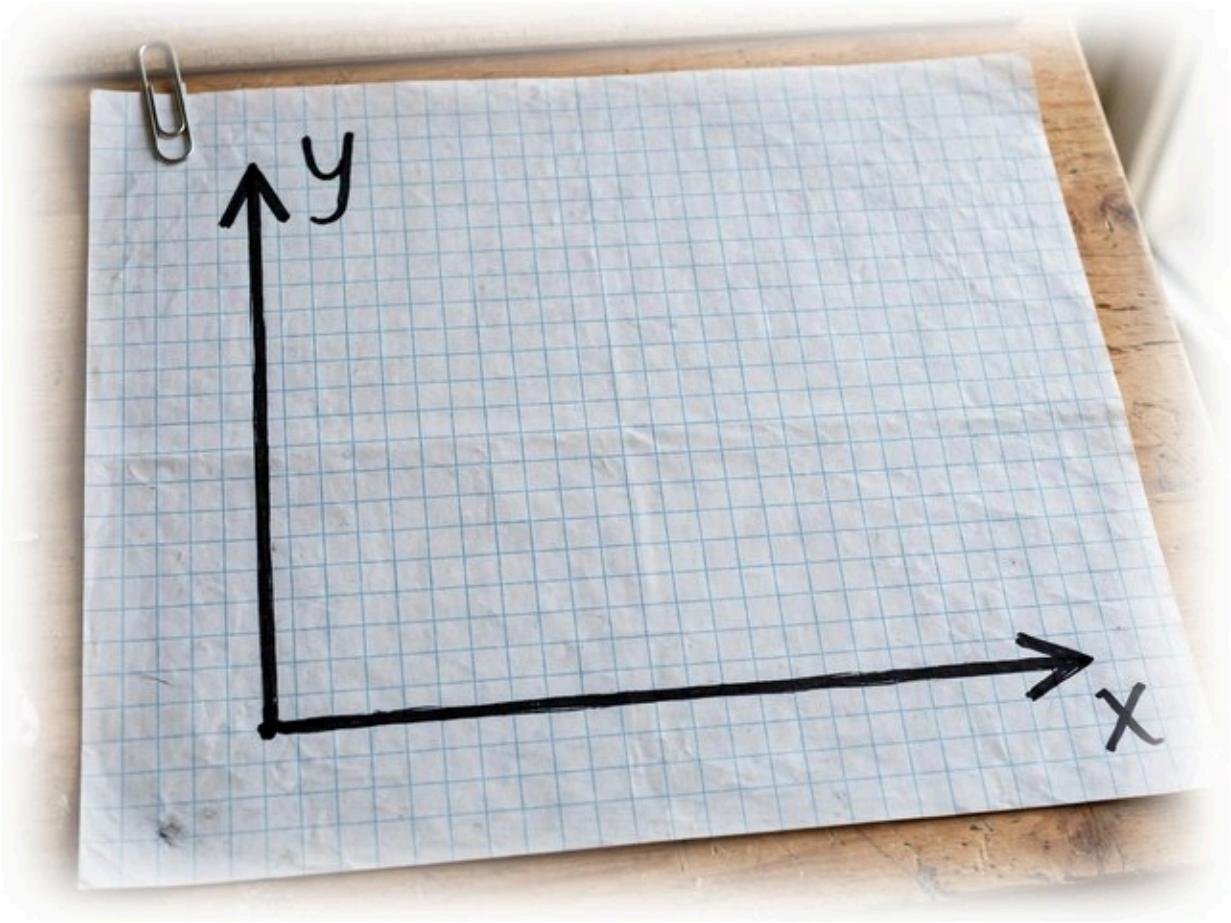
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3 **Evaluate $f(x) = a\,x^2 + b\,x + c$ when $a = 3$, $b = 7$, $c = 7$, and $x = 5$. The result is**

ANSWER _____

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4 **A coordinate grid with bold x and y axes on graph paper. The vertex of the parabola $f(x) = 1x^2 - 10x + 3$ has x coordinate**



ANSWER _____

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

ANSWER

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ANSWER KEY

1. 12
2. 12
3. 117
4. 5
5. 27

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