MANITOBA APPLIED MATHEMATICS 30S · UNIT B · 5 QUESTIONS

Quadratic Functions — Practice Test

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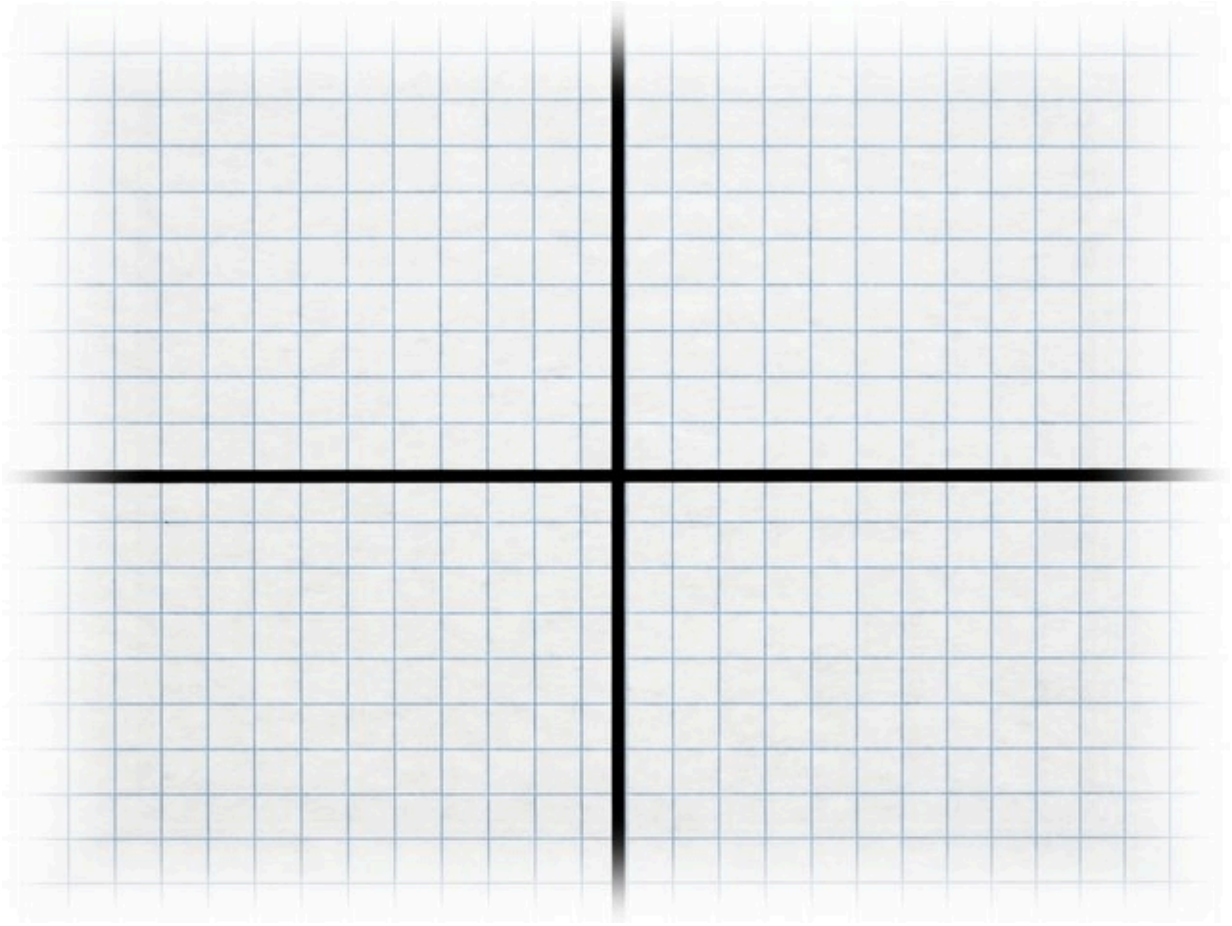
1 **Evaluate $f(x) = a\,x^2 + b\,x + c$ when $a = 3$, $b = 7$, $c = 7$, and $x = 5$. The result is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The vertex of the parabola $f(x) = 1x^2 - 6x + 3$ has x coordinate**



ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Let $f(x) = 3x + 3$ and $g(x) = 2x + 4$. The value of $f(g(3))$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Let f(x) = 6x + 6 . The inverse function at 30 is**

ANSWER _____

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5 **Evaluate 5×2^2 . The result is**

ANSWER _____

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ANSWER KEY

1. 117
2. 3
3. 33
4. 4
5. 20

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