PRINCE EDWARD ISLAND PRE-CALCULUS 12 · UNIT A · 5 QUESTIONS

Function Transformations — 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 g(x) = 2f(x + 1), where f(x) = x², the value of g at x = 1 is**

ANSWER _____

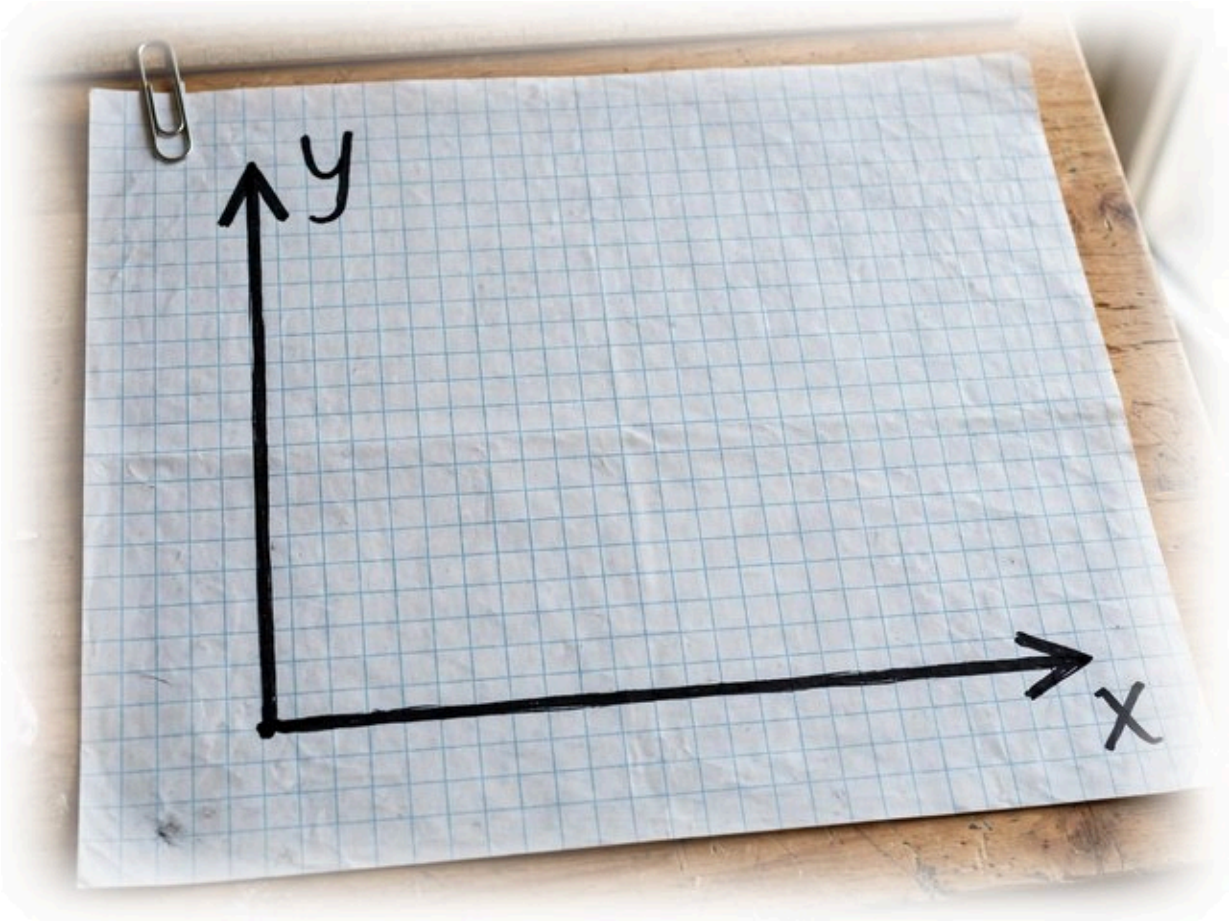
Understand It with Pulse | Flag a mistake

2 **For g(x) = 2f(x) - 3 , where f(4) = 7 , the value of g at 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A coordinate grid with bold x and y axes on graph paper. The point 3 comma 5 on f moves to this y coordinate under a shift up 4**



ANSWER

Understand It with Pulse | Flag a mistake

4 **The point -2 comma 3 on f moves to this x coordinate under a shift left 5**

ANSWER

Understand It with Pulse | Flag a mistake

5 **For $g(x) = 2f(x - 3) + 2$, where $f(x) = x^2$, the value of g at $x = 5$ is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 8
2. 11
3. 9
4. -7
5. 10

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