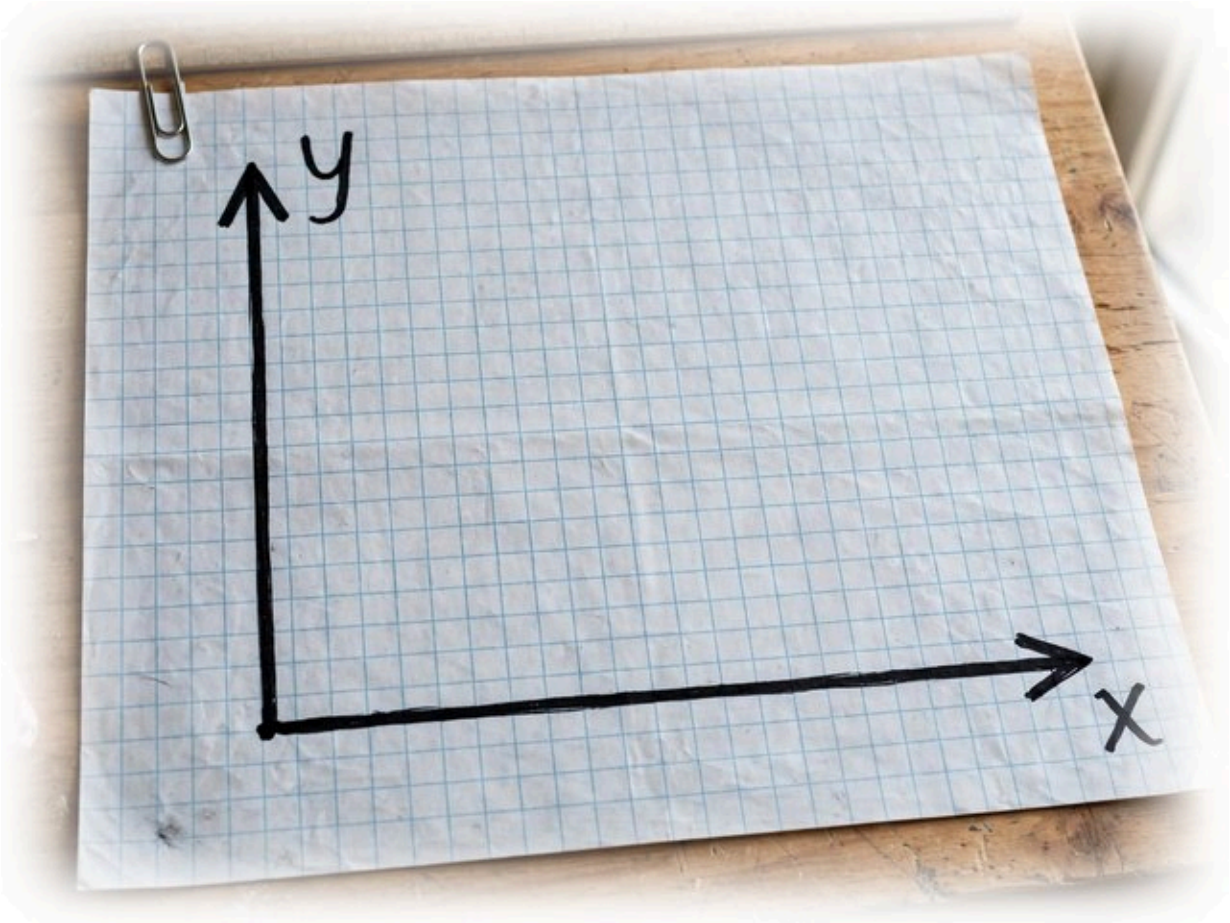
Function Transformations: Translations, Stretches, and Reflections — Practice Test

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 with bold x and y axes on graph paper. For f(x) = (x - 1)² plus 0 , the vertex has y coordinate**



ANSWER

Understand It with Pulse | Flag a mistake

2 **For f(x) = (x - 2)² plus -3 , the vertex has y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **For f(x) = (x - 1)² plus -4 , the vertex has y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **For f(x) = (x - 3)² plus 2 , the vertex has y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The graph of y = 7f(x) is the graph of f**

A stretched vertically by a factor of 7

B shifted left

C reflected in the x axis

D shifted up

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 0
2. -3
3. -4
4. 2
5. A

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