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 **The graph of y = 8f(x) is the graph of f**

- A shifted left
- B stretched vertically by a factor of 8
- C reflected in the x axis
- D shifted up

Understand It with Pulse | Flag a mistake

2 **The graph of y = 9f(x) is the graph of f**

A shifted left

B reflected in the x axis

C stretched vertically by a factor of 9

D shifted up

Understand It with Pulse | Flag a mistake

3 **The graph of y = f(x minus 1) is the graph of f shifted this many units to the right**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The graph of y = f(x minus 2) is the graph of f shifted this many units to the right**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The graph of y = f(x minus 3) is the graph of f shifted this many units to the right**

ANSWER

Understand It with Pulse | Flag a mistake

6 **The graph of y = f(x minus 4) is the graph of f shifted this many units to the right**

ANSWER

Understand It with Pulse | Flag a mistake

7 **The graph of y = f(x minus 5) is the graph of f shifted this many units to the right**

ANSWER

Understand It with Pulse | Flag a mistake

8 **The graph of y = f(x minus 6) is the graph of f shifted this many units to the right**

ANSWER

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9 **The graph of y = f(x minus 7) is the graph of f shifted this many units to the right**

ANSWER

Understand It with Pulse | Flag a mistake

10 **The graph of y = f(x minus 8) is the graph of f shifted this many units to the right**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	B	**5.**	3	**9.**	7
2.	C	**6.**	4	**10.**	8
3.	1	**7.**	5		
4.	2	**8.**	6		

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