

Transformations of Graphs Test

- 1) The graph of $y = f(x+4)$ is the image of $y = f(x)$ after a

- 2) The graph of $y = \underline{\hspace{2cm}}$ is the image of $y = f(x)$ after a reflection in the y-axis
- 3) The graph of $y = \underline{\hspace{2cm}}$ is the image of $y = f(x)$ after a translation $\begin{pmatrix} 0 \\ -2 \end{pmatrix}$
- 4) The graph of $y = -f(x)$ is the image of $y = f(x)$ after a

- 5) The graph of $y = f(x - 3) + 5$ is the image of $y = f(x)$ after a

- 6) The graph of $y = \underline{\hspace{2cm}}$ is the image of $y = f(x)$ after a reflection in the x-axis followed by a translation $\begin{pmatrix} 0 \\ 3 \end{pmatrix}$

Transformations of Graphs Test

- 1) The graph of $y = f(x+4)$ is the image of $y = f(x)$ after a

- 2) The graph of $y = \underline{\hspace{2cm}}$ is the image of $y = f(x)$ after a reflection in the y-axis
- 3) The graph of $y = \underline{\hspace{2cm}}$ is the image of $y = f(x)$ after a translation $\begin{pmatrix} 0 \\ -2 \end{pmatrix}$
- 4) The graph of $y = -f(x)$ is the image of $y = f(x)$ after a

- 5) The graph of $y = f(x - 3) + 5$ is the image of $y = f(x)$ after a

- 6) The graph of $y = \underline{\hspace{2cm}}$ is the image of $y = f(x)$ after a reflection in the x-axis followed by a translation $\begin{pmatrix} 0 \\ 3 \end{pmatrix}$