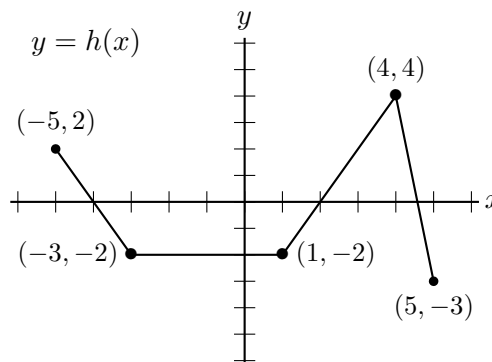


1. [9 points]

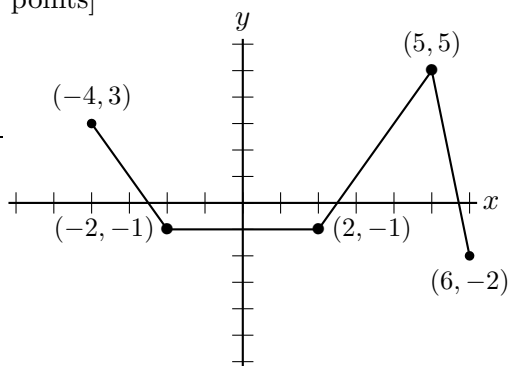
The graph of a function $h(x)$ is shown on the right. Below are the graphs of several transformations of $h(x)$. For each of these graphs, write the letter of the ONE function from the list on the right of the page whose graph is shown. (**Clearly** write the capital letter of your choice on the answer blank provided.)

No work or explanation is required.



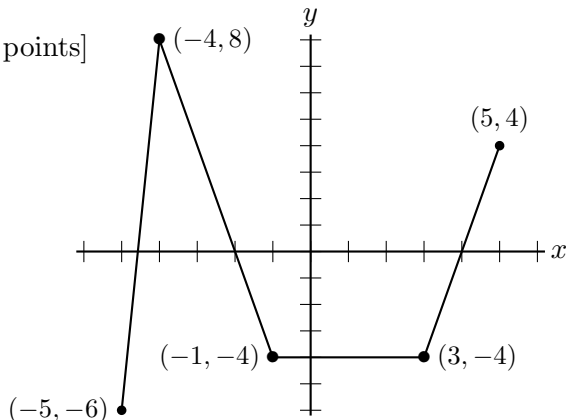
a. [3 points]

Answer: B



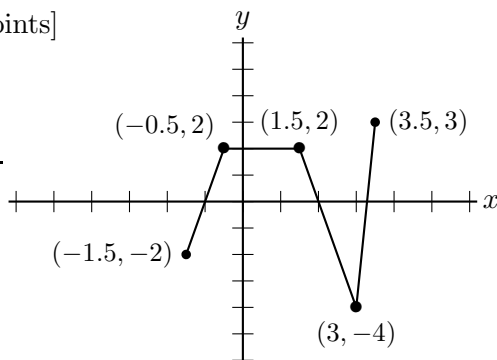
b. [3 points]

Answer: N



c. [3 points]

Answer: V



Answer Choices

- A. $h(x + 1) + 1$
- B. $h(x - 1) + 1$
- C. $h(x + 1) - 1$
- D. $h(x - 1) - 1$
- E. $h(-x) + 1$
- F. $h(-x) - 1$
- G. $-h(x) + 1$
- H. $-h(x) - 1$
- I. $-h(x + 1)$
- J. $-h(x - 1)$
- K. $h(-x)$
- L. $-h(-x)$
- M. $2h(x)$
- N. $2h(-x)$
- O. $-2h(x)$
- P. $\frac{1}{2}h(x)$
- Q. $\frac{1}{2}h(-x)$
- R. $-\frac{1}{2}h(x) - 1$
- S. $\frac{1}{2}h(x - 1)$
- T. $h(-2(x - 1))$
- U. $-h(2x - 1)$
- V. $-h(2(x - 1))$
- W. $-h(\frac{1}{2}x - 1)$
- X. $h(-\frac{1}{2}(x + 1))$
- Y. $-h(\frac{1}{2}(x - 1))$
- Z. NONE OF THESE