

# 1.4 Practice Activity

## Practice 4-1-1:

Evaluate the piecewise function. If there is no answer, please enter "N/A."

$$f(x) = \begin{cases} x^2 & \text{if } x < 0 \\ x + 2 & \text{if } x \geq 0 \end{cases}$$

## Practice 4-3-2:

Evaluate the piecewise function. If there is no answer, please enter "N/A."

$$f(x) = \begin{cases} x^2 - 2 & \text{if } x < 1 \\ -x^2 + 2 & \text{if } x > 1 \end{cases}$$

## Practice 4-4-1:

Graphing a Piecewise Function. Sketch a graph of the function.

$$f(x) = \begin{cases} 2x - 1 & \text{if } x < 1 \\ 1 + x & \text{if } x \geq 1 \end{cases}$$