

Part I. Carefully graph each of the following. Identify whether or not the graph is a function. Then, evaluate the graph at any specified domain value.

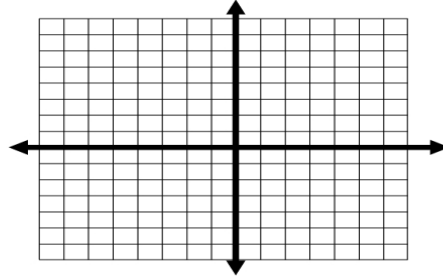
1.
$$f(x) = \begin{cases} x+5 & x < -2 \\ -2x+3 & x \geq -2 \end{cases}$$

Function? Yes or No

$f(3) =$

$f(-4) =$

$f(-2) =$



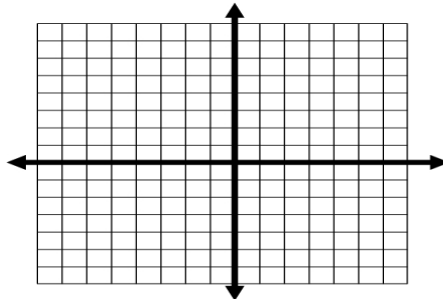
2.
$$f(x) = \begin{cases} 2x+1 & x \geq 1 \\ x+3 & x < 1 \end{cases}$$

Function? Yes or No

$f(-2) =$

$f(6) =$

$f(1) =$



3.
$$f(x) = \begin{cases} -2x+1 & x \leq 2 \\ 5x-4 & x > 2 \end{cases}$$

Function? Yes or No

$f(-4) =$

$f(8) =$

$f(2) =$

