

Name:
Date:

What Are Functions?

1 Fill in the blank.

The input set of a function is called the _____ and the output set is called the _____

True or False?

Functions aren't allowed to have
"one-to-many" relations.

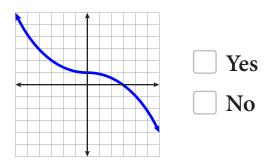
set is called the _____ True False

3 Complete this function table.

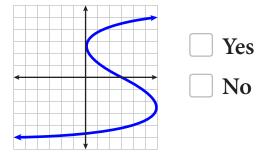
$$y = 2x - 1$$

•	
Input X	Output y
3	5
2	
1	
0	
-1	

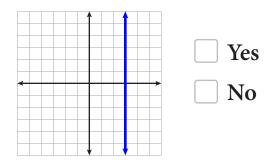
4 Is this a function?
(Hint: Use the vertical line test.)



Is this a function?(Hint: Use the vertical line test.)



Is this a function?
(Hint: Use the vertical line test.)



7 Evaluate.

Let
$$f(x) = x^2 + 1$$

What is $f(3)$?

R Evaluate.

Let
$$f(x) = x^2 + 3x$$

What is $f(-1)$?