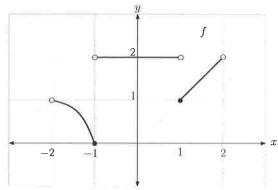
## Math 201 - Quiz #1

Name: Eey

1. Consider the graph of the given function y = f(x) below.



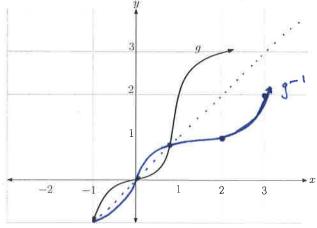
(a) 
$$f(-1) = \bigcirc$$

(b) 
$$f(0) = 2$$

(c) 
$$f(1) =$$

(d) Domain of 
$$f$$
 (use interval notation):  $(-2,2)$ 

2. Consider the graph of the given bijective function y = g(x) below.



(a) Using the graph, how can we tell g is injective (one-to-one)?

It passes the horizontal line test.

(b) 
$$g^{-1}(2) =$$

(c) Using the graph of g(x) above sketch the graph of  $g^{-1}(x)$ .

(d) Without using the graph, what is the value of  $(g^{-1} \circ g)(2014) =$