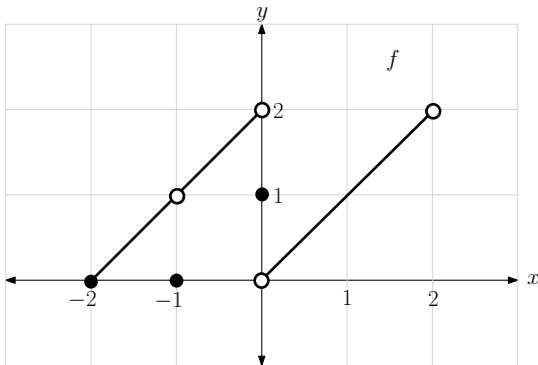


Score: \_\_\_\_\_ out of 10.

Math 201 - Quiz #1

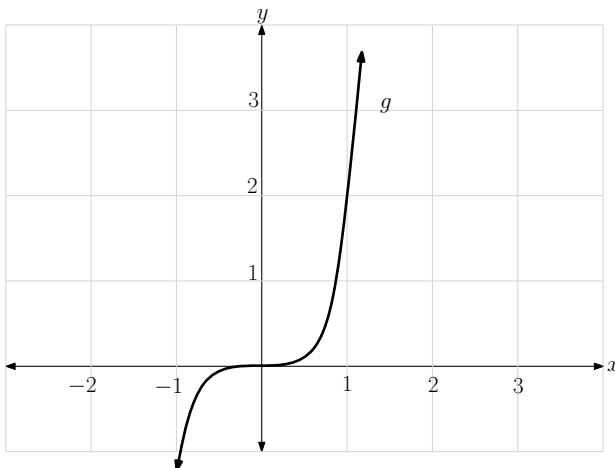
Name: \_\_\_\_\_

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



- (a)  $f(-1) =$
- (b)  $f(0) =$
- (c)  $f(1) =$
- (d) Domain of  $f$ :
- (e) Range of  $f$ :
- (f) Is  $f$  injective (one-to-one)?

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)?
- (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  $(g \circ g^{-1})(2015) =$