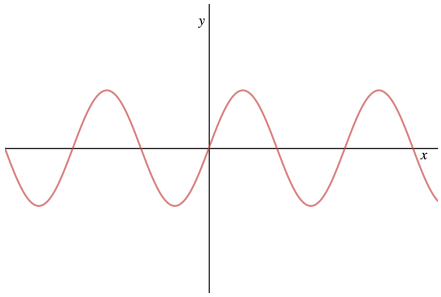
MATH 019 QUIZ 4 SEPTEMBER 8, 2017

Name:

Problem 1: *Consider the graph below:*



*Circle the **one** correct statement describing this situation:*

*a) This **is** the graph of a function.*

*b) This is **not** the graph of a function.*

You do not need to show any work if you do not want to.

Solution: This graph passes the Vertical Line Test: Every vertical line intersects the graph in exactly one point. Therefore it is the graph of a function.
This graph does not pass the Horizontal Line Test. Therefore it is not an invertible function.