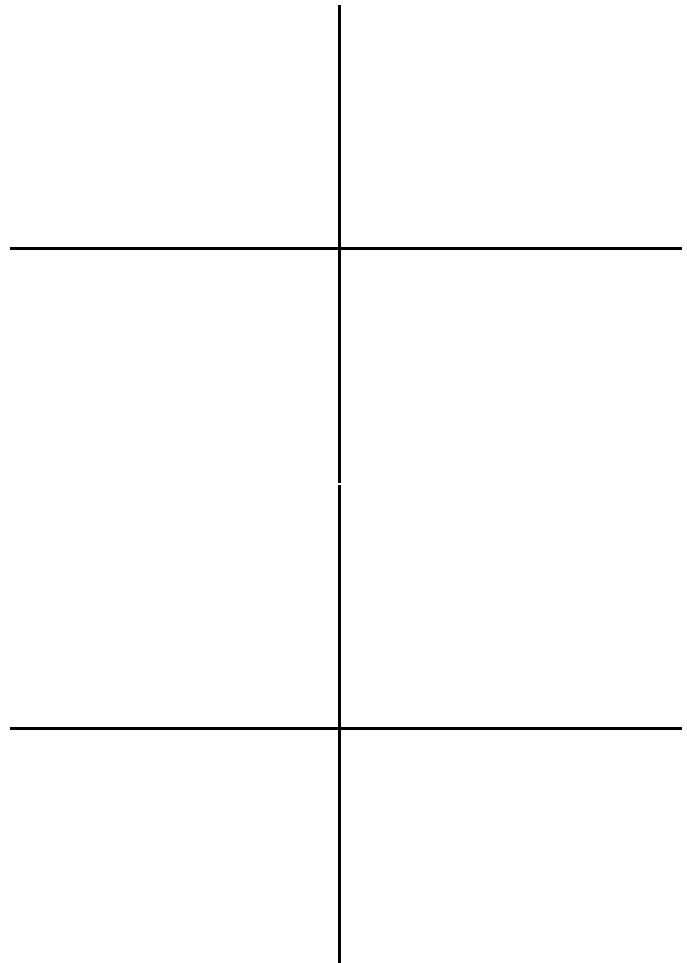


Name: _____

Date: _____

QUIZ – INTRODUCTION TO FUNCTIONS

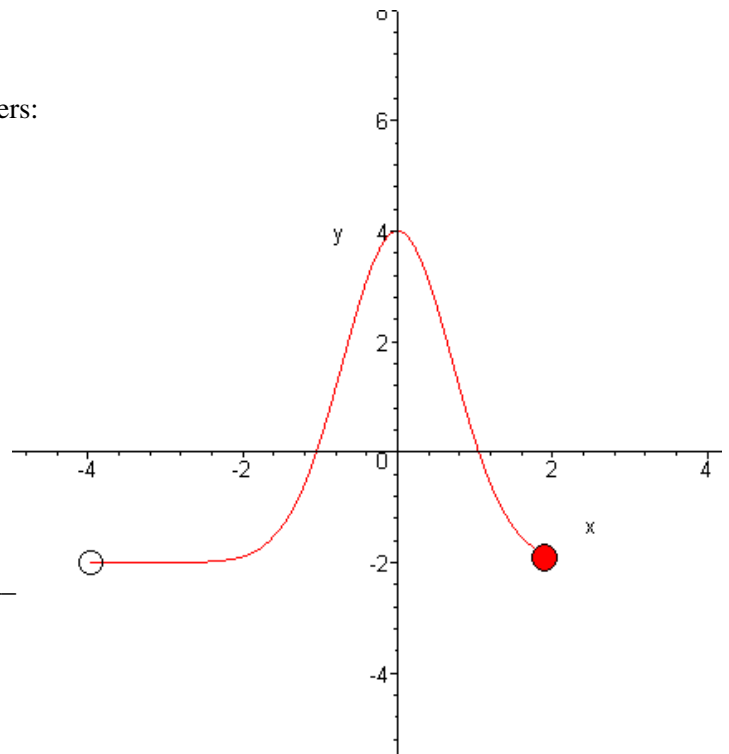
1. (10%) Give 2 examples of relations that are functions, at least one of the examples should be one you can represent on a graph.
2. (10%) **Sketch the function** of one of the relation earlier mentioned, indicate the **scale** and the **units**.
3. (10%) Draw an example of a curve that is not a function:



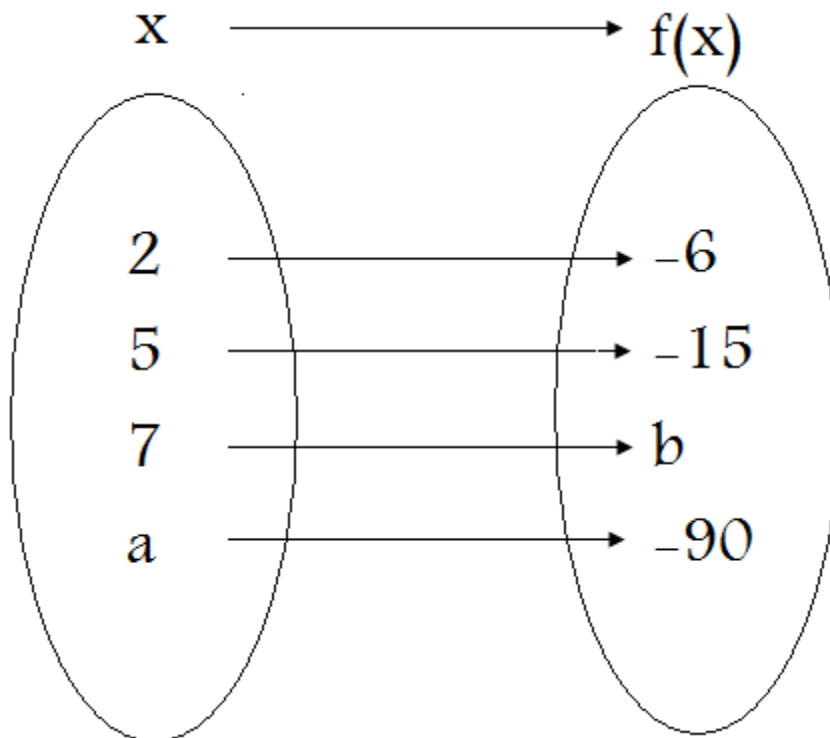
4. (10%) Draw an example of a curve that is a function:

5. (35%) Given the Function, give full answers:

- State its domain: _____
- State its Range: _____
- $f(0) =$ _____
- $f(2) =$ _____
- $f(-4) =$ _____
- $f(x) = 0$, $x =$ _____
- Where is $f(x)$ decreasing? _____



6. (25%) Given the following mapping diagram:



- (8%) Identify $f(x) =$
- (8%) Find
- (9%) Find a