Kerry Ojakian's MTH 30 Class
Class Assignment #1

General Instructions:

- You may work in a group of **at most 3 students**.

- Hand in **one** assignment for your group; write each group member's full name on the assignment.

The Assignment

1. Draw 3 graphs: 1) First, a one-to-one function, 2) Second, a NON one-to-one function, 3) a NON function.

   Explain.

2. Draw the graph of a function whose domain is all reals, and which is decreasing left of 4 and increasing right of 4.

   Is it possible for such a function to be one-to-one? Explain.