Create Your Own Arbitrary Function

Directions:

1) In the graph below, design your own arbitrary function. Your arbitrary function must contain *at least* five points. You can design your arbitrary function to be any design that you wish.



2) Find someone in the classroom to trade papers with. You will transform their arbitrary function on the back of their paper and they will transform your arbitrary function. Write your name on this person's paper next to your work. They will do the same to your paper. Don't forget to include tables!

3) Do this five more times so that you will have had six people transform your arbitrary function and you will have transformed six other people's arbitrary function.

4) After you've traded papers with six people return to your seat and plot all six of the transformations your classmates calculated on the same graph as the arbitrary parent function that you created.

