Name: _____ Date: _____ Block: ____

Algebra 1- Week 1 Homework

Monday/Tuesday-

1. Create a relation that is a function using a table, mapping diagram, or ordered pairs.	**2.** Create a relation that is not a function using a table, mapping diagram, or ordered pairs.
3. Create a relation that is a function using a graph.	**4.** Create a relation that is not a function using a graph.

Wednesday-

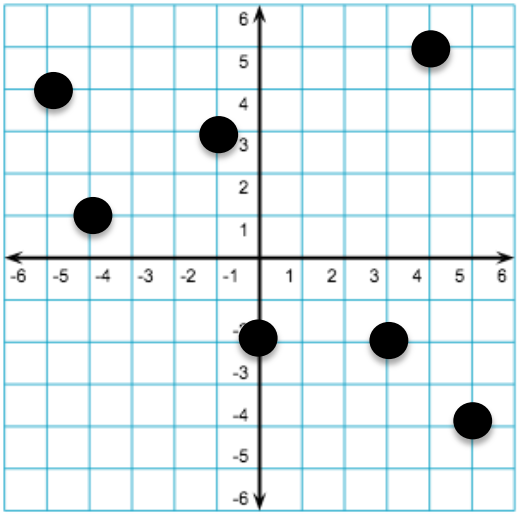
Ms. Davison has $43 dollars on her SmartTrip card. It will cost her $5 dollars each time she rides the train.

1. Create a table depicting this situation:	**2.** What is the domain?
3. What is the range?	**4.** Is this function continuous or discrete? Justify your response.

Name: _____ Date: _____ Block: ____

Thursday/Friday-

Given the graph of f(x) to the right, find:



1) f (3)

2) the value of f(x), when x = 4

Given the equations of the functions below,

j(x) = 2x + 1 **p(c) = -3c**

Find:

3) j(10) =

4) p(6) =