Algebra 1- Week 1 Homework

**Monday/Tuesday-**

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| 1. Create a relation that is a function using a table, mapping diagram, or ordered pairs.
 | 1. Create a relation that is not a function using a table, mapping diagram, or ordered pairs.
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| 1. Create a relation that is a function using a graph.
 | 1. Create a relation that is not a function using a graph.
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**Wednesday-**

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

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| 1. Create a table depicting this situation:
 | 1. What is the domain?
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| 1. What is the range?
 | 1. Is this function continuous or discrete? Justify your response.
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**Thursday/Friday-**

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| **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:**1. j(10) =
2. p(6) =
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