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. |
| 1. Create a relation that is a function using a graph. | 1. 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.**

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

**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) = |