**Lesson 6.1 – Identifying and Representing Functions**

**Prior Knowledge:**

* Reading Coordinate Points (x,y)
* Tables and Graphs

**Vocab/Rule:**

* Input – what you plug into the equation; independent variable; x value
* Output – the result of the function; dependent variable; y value
* Rule – only one output (y) for every input (x)

**Functions from Mapping:**

*\*Examples provided in class\**

**Functions from a Table:**

* Ex 2:

|  |  |
| --- | --- |
| X | Y |
| 1 | 5 |
| 2 | 6 |
| 1 | 6 |

|  |  |
| --- | --- |
| X | Y |
| 1 | 4 |
| 2 | 5 |
| 3 | 6 |

A B

 Function Not a Function

**Function from a Graph:**

1. List the ordered pair
2. If more than 1 y value for an x value, it is not a function
3. “Vertical Line Test” or “Stackers”