**Practice: Function Notation. Domain and Range.**  Name: Date:

1. Each of the following has at least one incorrect statement about domain and/or range. Correct mistakes.
2.  **b)** **c) d)**

|  |  |  |  |
| --- | --- | --- | --- |
| Domain:  | Domain: | Domain: |  Domain: |
| Range: | Range:  | Range:  |  Range:  |

1. Consider the following functions ,and .

|  |  |
| --- | --- |
| 1. Find
 | 1. Find
 |
| 1. Find
 | 1. Find
 |
| 1. Find
 | 1. Find
 |
| 1. Find a positive *x* so that
 | 1. Find *x* so that
 |



1. Consider the graph of .
	1. State the domain and range.
	2. Find algebraically and graphically.
	3. Find *x* graphically so that .
2. Consider the graph of the function below, determine the following output and input values.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  | 1. (only positive value of *x*)
 |  |

