2.1 Re-Teach Worksheet

Intermediate Algebra

Learning Target: I can demonstrate understanding of the definition of a function and can determine when relations are functions given a graph, table or real-world situation.

- 1. Is the relation { (-6, 1), (2, -4), (3, 2), (6, 1) } a function? Explain your reasoning.
- 2. Is the relation { (-3, 2), (1, 5), (0, 2), (1, -7) } a function? Explain your reasoning.
- **3.** Add one ordered pair to the following table
 - a. on line **A** that keeps the relation a function.
 - b. on line **B** that makes the relation not a function.
 - c. Explain your solutions.

	х	у
	-3	4
	-2	-1
	7	3
	0	2
Α		
В		

4. State which of the following are functions and which are not. Explain your reasoning.



Given each input and output, determine whether the relation is a function. Explain your reason.

Explain:

Explain:

Yes or No

- 5. Input: Name Yes or No Explain: Output: Social Security Number
- 6. Input: Fingerprint Output: Eye Color
- 7. Input: Eye ColorYes or NoOutput: Fingerprint