Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_

Samantha is trying to prove that the following ordered pairs make a function. She shows her work by mapping out the function. Yamil shows that the following ordered pairs do not make a function by showing his work on a table. Who do you agree with? Write a mathematical argument to justify your answer.

(0,5) (-1,12) (-7,-2) (6,-10) (6,4)

|  |  |
| --- | --- |
| Input | Output |
| 0 | 5 |
| -1 | 12 |
| -7 | -2 |
| 6 | -10 |
| 4 | 6 |

5

12

-2

-10

4

0

-1

-7

6

S

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