Name: _____

Date: _____

Victoria and Louis were given Table 1 and Table 2 below. Each table represents a linear function.

TABLE 1	
x	**y**
-2	7
-1	5
0	3
1	1
2	-1

TABLE 2	
x	**y**
-2	-3
-1	-2
0	-1
1	0
2	1

Victoria says Table 1 represents an **increasing** function and Table 2 represents a **decreasing** function.

Louis says Table 1 represents a **decreasing** function and Table 2 represents an **increasing** function.

1. Do you agree with Victoria or Louis? _____

2. Why? _____

_____

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3. How do you know your thinking is correct? What have you learned in math class to defend your reasoning? _____

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4. Write a mathematical argument supporting your answer. Be sure to include correct mathematical vocabulary and write in complete sentences!

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