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Date $\qquad$

## Focused Instruction Unit 2- Family of Functions

Learning Targets: This is an organized list of learning targets to help you prepare for the Unit Test. Please rank each topic using the provided scale.

If you are a low rank on a topic you should: look in your notes, do some research on the topic, look in your green book in CHAPTER 4 page 172-236, as a friend who has a higher rank on that topic than you, as a question to the teacher.

Rank yourself and make an example for each Learning target.

| Term | Example \#1 | Example \#2 | Example \#3 | Example \#4 |
| :---: | :---: | :---: | :---: | :---: |
| I can define a function Page 178 | A function is a unique relationship for which there is only 1 output for each input. | I can describe the vertical line test |  |  |
| I can decide if a function is increasing or decreasing as $x$ values increase or decrease. Page 175 \#3 |  <br> We read a graph from left to right. So as x goes from negative infinity to 0 the $y$ values on the graph are decreasing. As x moves from 0 to positive infinity the $y$ values on the graph are increasing. |  |  |  |


| I can use the <br> vertical line test <br> Page 178 <br> Extra problems <br> that are good are <br> on page 180 <br> Investigation, <br> 181 \#1 |  |  |  |
| :--- | :--- | :--- | :--- | :--- |





Extra Review problems that are good:
Page 234 \#4-8

## Page 229 \#6

Page 229 \#2

Page 228 \#1

