## HOMEROOM:

## -PUT YOUR UNSOLD CITY SAVERS IN THE BOX!!!

| Created by Mr. Lischwe <br> Warmup 9/(Sum of the numbers on a die) |  |  |  |
| :---: | :---: | :---: | :---: |
| ***GET A WHITEBOARD, MARKER, AND ERASER! Put them inside your desk for later.* |  |  |  |
| 1) Find the rule! Write it in function notation. |  | 2) Fin | he rule! |
|  |  | Input | Output |
| $\mathbf{x}$ | $\mathrm{f}(\mathrm{x})$ | Lischwe | 5 |
| 8 | 5 | Banana | 3 |
| 15 | 8.5 | Iowa | 1 |
| 30 | 16 | Pretzel | 5 |
| 1 | 1.5 | The | 2 |
| 80 | 41 |  |  |
| -100 | -49 |  |  |


|  | Tests... |
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- SLOPE is how steep a line is.
- Bigger slope number = steeper line!
- A straight line will NEVER CHANGE SLOPE!!!


How to find Slope from a Graph:
Pick two points, then find the:

- $\frac{\text { change in } y}{\text { change in } x}$
-(Also known as $\frac{\text { rise }}{\text { run }}$ )


Direction matters!!!

- It helps to ALWAYS go left to right
- Up \& to the right = positive slope
$\circ$ Down \& to the right = negative slope


Homework: Slope Half-Sheet

