MM Algebra 1
Mr. Villegas

Name: $\qquad$
Date: $\qquad$

## Out Numbered

Aim/Essential Question: How do we read graphs?


## Vocabulary/Concept Bank

| Important term | Definition |
| :--- | :--- |
|  |  |
|  |  |

The scaled graphs in this activity are similar to examples you have seen before. Base your answers to the questions on the scales shown in these graphs.

1. This graph shows the number of people that can be carried in a given number of wagons.


| d. Make an In-Out table with the |
| :--- | :--- |
| information from Questions 1a |
| through 1c. |
| In = number of wagons; Out = |
| number of people that can be |
| carried. |
|  |
|  |


| How does the fact that <br> more people can be carried by <br> each additional wagon affect <br> your table? |  |
| :--- | :--- |
| Could this number tell you how <br> many people could be carried by <br> 100 wagons? |  |
|  |  |

2. The next graph shows the amount of coffee left in terms of the number of days since leaving Fort Laramie.

3. The next graph shows the amount of money in a movie theater cash register as a function of the number of customers in the theater.


| What Quadrant(s) do |  |
| :--- | :--- |
| these graphs use? |  |
| Why? |  |
| Describe a graph that <br> might use only <br> Quadrant IV. |  |

