Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#1 Assignment: modifying tables

1. Who is racing?

We will compare \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, using time in \_\_\_\_\_\_\_\_\_\_\_\_\_\_ for x and distance in \_\_\_\_\_\_\_\_\_\_ for y.

Our race will last this time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Our race will last this distance: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_

| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_  equation   | x | y | | --- | --- | |  |  | |  |  | |  |  | |  |  | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_  equation   | x | y | | --- | --- | |  |  | |  |  | |  |  | |  |  | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_  equation   | x | y | | --- | --- | |  |  | |  |  | |  |  | |  |  | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has a constant of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_\_\_\_\_\_  equation   | x | y | | --- | --- | |  |  | |  |  | |  |  | |  |  | |

Graph:

| The Quadrant I Coordinate Graph Paper <i>x</i> = [0,40]; <i>y</i> = [0,48] Math Worksheet | Question:   1. Who is going the fastest? How can you tell from the equations? 2. Who is going the slowest? How can you tell from the graphs? 3. How do the tables help support these answers? |
| --- | --- |

Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Video Checklist**

Order doesn’t matter, but each page should be there!

* Who is racing?
* Why are they racing?
* Race video
* Character 1
  + Table
  + Equation and explanation
* Character 2
  + Table
  + Equation and explanation
* Character 3
  + Table
  + Equation and explanation
* Character 4
  + Table
  + Equation and explanation
* Explain the winner: why did they win?
* Victory page!