Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HR: \_\_\_\_\_\_\_\_\_

**Warm Up**

Order the following fractions from **least to greatest.**

**Hint**:

Simplify each fraction.

Use equivalent fractions with common denominators.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HR: \_\_\_\_\_\_\_\_\_

**Homework:**

Who’s the fastest texter?

The following tables show how many words each person can text in a given amount of time. Who is the faster texter? Justify your answer.

Michaela

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minutes** |  |  |  |  |
| **Words** |  |  |  |  |

Jenna

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minutes** |  |  |  |  |
| **Words** |  |  |  |  |

Maria

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minutes** |  |  |  |  |
| **Words** |  |  |  |  |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HR: \_\_\_\_\_\_\_\_\_

**Lesson: Using Ratio Tables**

Making Juice (Comparing Juice to Water)

The tables below show the comparison of the amount of water to the amount of juice concentrate (JC) in grape juice made by three different people.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Laredo’s Juice** | | |  | **Franca’s Juice** | | |  | **Milton’s Juice** | | |
| Water | JC | Total |  | Water | JC | Total |  | Water | JC | Total |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

1. Identify the ratio the ratio of water to juice concentrate for each table? **Simplify** each ratio.
2. Put the juices in order from the juice containing the **most water** to the juice containing the least water.
3. Whose juice has the **greatest** **water-to-juice concentrate ratio**? Be sure to justify your answer
4. Whose juice would taste strongest? Be sure to justify your answer.