*Math Module Two*

*Unit Conversions and Problem Solving with Metric Measurement*

*Final Assessment Date: Tuesday, November 3rd*

We will be reviewing in class over the next week. However, it would be helpful if you took the time to study at home with your child.

Things to Review:

\*Converting Units of Length, Mass, and Capacity

Examples:

|  |  |
| --- | --- |
| 100 cm | 1 m |
| 1 km | 1,000 m |
| 60 km | 60,000 m |
| 1 kg | 1,000 g |
| 4 kg | 4, 000 g |
| 1 l | 1,000 ml |

\*Adding and Subtracting Mixed Units

Example:

1. 3,715 g- 1,500g = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 25 kg 9 g + 24 kg 991 g = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 100 l 74 ml + 2, 999 ml = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Solving Word Problems involving distances, volumes, and masses of objects. Students need to be able to draw tape diagrams to express their thinking.

\*Example:

a. The potatoes Beth bought weighed 3 kg 420 g. Her onions weighed 1,050 g less than the potatoes. How much did the potatoes and onions weigh together?

b. A family drank 1 liter 210 milliliters of milk at breakfast. If there were 3 liters of milk before breakfast, how much milk is left?