



NAME \_\_\_\_\_

# Weight and Capacity Shopping

Answer the following questions as you progress through the stations.

## Station 1:

- Using the measuring cup, determine how many cups are in a gallon: \_\_\_\_\_ cups/gallon
- How many milliliters are in a gallon: \_\_\_\_\_ ml/gallon
- Using the measuring cup, determine how many cups are in a liter: \_\_\_\_\_ cups/liter
- How many milliliters are in a liter: \_\_\_\_\_ ml/liter
- Using the quart container, how many quarts are in a gallon: \_\_\_\_\_ quarts/gallon
- How does a quart compare to a liter?



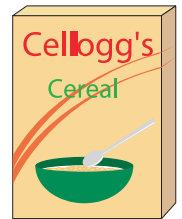
## Station 2:

- Using the pint container, determine how many pints are in a quart: \_\_\_\_\_ pints/quart
- Using the measuring cup, determine how many cups are in a pint: \_\_\_\_\_ cups/pint
- Using the pint container, determine how many pints are in a liter: \_\_\_\_\_ pints/liter
- Using the measuring cup, determine how many milliliters are in a pint: \_\_\_\_\_ ml/liter



## Station 3:

- Weigh out 1 ounce of cereal (don't forget to account for the weight of the container).  
Using the measuring cup, determine the number of cups in 1 ounce of cereal.  
\_\_\_\_\_ cups to 1 ounce of cereal
- Is the volume of 1 ounce of cereal the same as the volume of 1 ounce of water? \_\_\_\_\_
- How many grams is 1 ounce of cereal? \_\_\_\_\_ g
- If you have 2 ounces of cereal, how many grams of cereal do you have? \_\_\_\_\_ g
- How many ounces are in the box of cereal according to the label? \_\_\_\_\_ oz
- How many grams are in the box of cereal according to the label? \_\_\_\_\_ g



## Station 4:

- Measure 1 cup of popcorn in the dry measuring cup. Pour the measured popcorn into the liquid measuring cup. Are the amounts different? \_\_\_\_\_ What is the metric measurement? \_\_\_\_\_ ml
- Why do you think we have "dry" and "wet" measuring tools?



## Estimation Station 5:

Look at the five products in this station and estimate the volume of each:

- Popcorn \_\_\_\_\_ cups \_\_\_\_\_ ml      Milk \_\_\_\_\_ cups \_\_\_\_\_ ml  
 Cereal \_\_\_\_\_ cups \_\_\_\_\_ ml      Salt \_\_\_\_\_ teaspoons/tablespons \_\_\_\_\_ ml  
 Cinnamon \_\_\_\_\_ teaspoons/tablespons \_\_\_\_\_ ml