It is important to know how to measure ingredients for baking and cooking. Baking is a very scientific thing. When you place the dough in your oven, a chemical reaction takes place, and the ratio of ingredients plays a huge part in how the biscuits turn out. If you do not measure accurately, it can really affect the end result.

**Measuring Dry Ingredients:** Dry measuring cups come in a nested set. There is usually a 1 cup, 1/2 cup, 1/3 cup, and 1/4 cup measure in each set. To measure, lightly spoon in the ingredient, until it is overflowing the cup. Next, slide the back of a knife or the side of a spatula over the top rim of the cup, to level it.

Measuring Liquid (Wet) Ingredients: Liquid measuring cups are usually glass or plastic with a handle. They allow you to pour a liquid into the cup and bring it even with a measurement line without spilling. To measure liquid, place a liquid measuring cup on a level surface. View the amount at eye level to be sure of an accurate measure. There are 8 ounces (oz) in a cup.

To measure small amounts of liquids—a tablespoon or less—turn to your measuring spoons. Fill the appropriate-size spoon to the rim without letting liquid spill over. If measuring dry ingredients with a measuring spoon, level the dry ingredient to the rim of the spoon.

**Turn the paper over and follow the instructions.**
Instructions: Read the directions for each of the following activities, and answer the questions as directed.

Practice reading a measuring cup.

Color the measuring cup up to the indicated amount.

1/2 CUP  2 OZ.  3/4 CUP

Write down the measurement of each measuring cup in cups and liquid ounces.

Using the measuring cups above convert the following:

3/4 CUP = _________ OZ.  8 OZ. = _________ CUPS
1 CUP = _________ OZ.  2 OZ. = _________ CUPS
1/4 CUP = _________ OZ.  4 OZ. = _________ CUPS
Practice recognizing common fractions used in baking. Follow the specific instructions for each activity.

1. Draw a line from the fraction to the right word:

\[
\begin{array}{cccccc}
1/2 & 1/3 & 1/4 & 2/3 & 3/4 \\
\text{one third} & \text{three quarters} & \text{one half} & \text{two thirds} & \text{one quarter}
\end{array}
\]

2. Annie needs to measure \( \frac{3}{4} \) of a cup of flour for her recipe. However, she only has the following measuring cup sizes: 1 cup, \( \frac{1}{2} \) cup, \( \frac{1}{4} \) cup. What combination of measuring cups can she use to make \( \frac{3}{4} \) of a cup?

3. Maggie needs 1 cup of sugar for her recipe. How many different combinations equal to a cup can she make with the following measuring cups? Be sure to explain how each combination equals one cup.

1 cup, \( \frac{2}{3} \) cup, \( \frac{1}{2} \) cup, \( \frac{1}{3} \) cup

Use the picture of the liquid measuring cup for the following questions.

4. Deb needs to measure 6 ounces of milk for her recipe. What is the equivalent fraction that equals 6 ounces (oz)?

5. What is the equivalent fraction for 2 ounces?

6. If 4 ounces equals \( \frac{1}{2} \) cup and 6 ounces equals \( \frac{3}{4} \) cup, how many ounces is \( \frac{2}{3} \) cup?