



Name \_\_\_\_\_ Date \_\_\_\_\_

## Chapter 7 Review

### Kitchen Fractions

Measuring cups can help you add and subtract fractions. With a parent, go to your kitchen and locate a set of measuring cups. You will need a 2-cup glass or clear plastic measuring cup that is marked for measuring different quantities. This will be referred to as the “large cup.” You also need a set of small measuring cups of these sizes:  $\frac{1}{4}$  cup,  $\frac{1}{3}$  cup,  $\frac{1}{2}$  cup, and 1 cup.

Once you have your measuring cups ready, work through the problems below. After you find each sum or difference, use the measuring cups to check your answers. Here are two examples.

#### EXAMPLE A

$$\frac{1}{2} + \frac{1}{3}$$

First, add the fractions to find the sum.  $\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$

Next, fill the small  $\frac{1}{2}$ -cup measuring cup with water and pour the water into the large cup. Then fill the  $\frac{1}{3}$ -cup measuring cup with water and add it to the water already in the large cup. Look at the marks to see how much water is in the large cup. You should see just a little less than 1 cup of water. Since  $\frac{5}{6}$  is a little less than 1, your answer must be correct.

#### EXAMPLE B

$$\frac{1}{2} - \frac{1}{3}$$

First, subtract the fractions to find the difference.  $\frac{1}{2} - \frac{1}{3} = \frac{1}{6}$

Next, fill the large measuring cup with water to the  $\frac{1}{2}$ -cup mark. Then carefully fill the small  $\frac{1}{3}$ -cup measuring cup with water from the large measuring cup. Look at the marks to see how much water is left in the large cup. You should see less than  $\frac{1}{4}$  cup. Since  $\frac{1}{6}$  is a little less than  $\frac{1}{4}$ , your answer must be correct.

### EXERCISES

1.  $\frac{1}{2} + \frac{1}{4}$

2.  $\frac{1}{4} + \frac{2}{3}$

3.  $\frac{3}{4} - \frac{1}{3}$

4.  $1\frac{1}{2} - \frac{2}{3}$

5.  $1\frac{1}{3} + \frac{1}{4}$

6.  $1\frac{2}{3} - \frac{3}{4}$

Answers are located on page 121.