# EUREKA MATH™ TIPS FOR PARENTS

## KEY CONCEPT OVERVIEW

In Lessons 13 through 16, students learn to estimate and calculate **sums** and **differences** with fractions. They also apply their skills with fractions in real-world contexts.

You can expect to see homework that asks your child to do the following:

- Estimate the sums and differences of fraction problems.

- Add and subtract fractions mentally.

- Solve fraction word problems.

## SAMPLE PROBLEM  *(From Lesson 14)*

Rearrange the terms so you can add or subtract mentally. Then solve.

$$\frac{2}{3} + \frac{1}{5} + \frac{1}{3} + 1\frac{4}{5}$$

$$= \left( \frac{2}{3} + \frac{1}{3} \right) + \left( \frac{1}{5} + 1\frac{4}{5} \right)$$

$$= 1 + 2$$

$$= 3$$

Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at GreatMinds.org.

## HOW YOU CAN HELP AT HOME

- Practice the Call and Response activity with your child. You say a fraction less than 1. Your child says the fraction with the same denominator that makes 1 when added to your fraction. For example, you say, "$\frac{1}{3}$." He says, "$\frac{2}{3}$."

- Play the Comparing Fractions dice game with your child.

    1. Roll two dice.

    2. Have your child roll two dice.

    3. Arrange each pair of dice as a fraction, using the smaller number rolled as the numerator and the larger number rolled as the denominator.

    4. Write the two fractions and ask, "Which fraction is closer to 1 whole?"

For example, you roll the numbers 2 and 3. They represent the fraction $\frac{2}{3}$. Your child rolls the numbers 6 and 1. They represent the fraction $\frac{1}{6}$. You write $\frac{2}{3}$ and $\frac{1}{6}$, and ask, "Which fraction is closer to 1 whole?" He says, "$\frac{2}{3}$."

## TERMS

**Difference**: The answer to a subtraction problem. For example, in $0.5 - 0.2 = 0.3$, the number 0.3 is the difference.

**Sum**: The result of adding two or more numbers. For example, in $0.3 + 0.2 = 0.5$, the number 0.5 is the sum.