

KEY CONCEPT OVERVIEW

In Lessons 10 through 12, students learn to write and evaluate numerical expressions.

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

- Write expressions that match given diagrams, and then evaluate them.
- Compare number sentences by using less than ($<$), greater than ($>$), or equal to ($=$) without calculating.
- Create and solve story problems with fractions by using a given tape diagram or expression.
- Solve word problems involving addition, subtraction, and multiplication.

SAMPLE PROBLEM (From Lesson 10)

Write an expression to match, and then evaluate.

3 times as much as the sum of $\frac{2}{5}$ and $\frac{1}{2}$.

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

$$= 3 \times \left(\frac{4}{10} + \frac{5}{10} \right)$$

$$= 3 \times \frac{9}{10}$$

$$= \frac{27}{10}$$

$$= 2 \frac{7}{10}$$

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

- Review fraction addition, subtraction, and multiplication with your child. Ask your child to pick one of each of these types of fraction problems from his previous work and explain how he solved each problem.
- Ask your child to write out a descriptive sentence for an expression containing fractions, such as $3 \times \left(\frac{3}{4} + \frac{4}{6} \right)$.
(Answer: Three times the sum of $\frac{3}{4}$ and $\frac{4}{6}$.)