

KEY CONCEPT OVERVIEW

Lessons 1 through 3 focus on problem solving, where students share and analyze efficient problem-solving strategies.

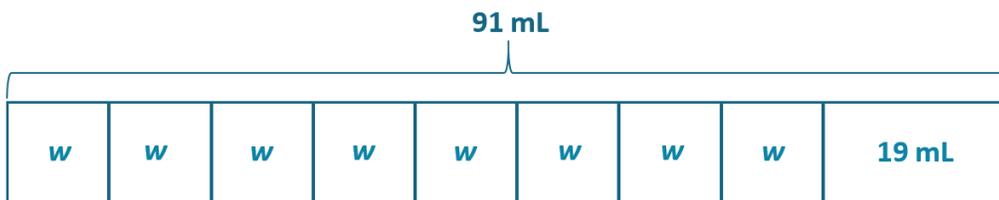
You can expect to see homework that asks your child to do the following:

- Solve a variety of word problems by using the **RDW process**.
- Use a letter to represent the unknown.
- Use addition, subtraction, multiplication, and division to solve multi-step problems.

SAMPLE PROBLEM (From Lesson 3)

Use the RDW process to solve the following problem. Use a letter to represent the unknown.

Monica measures 91 milliliters of water into 9 tiny beakers. She measures an equal amount of water into the first 8 beakers. She pours the remaining water into the ninth beaker. It measures 19 milliliters. How many milliliters of water are in each of the first 8 beakers?



$$91 - 19 = 72$$

$$72 \div 8 = w$$

$$9 = w$$

There are 9 milliliters of water in each of the first 8 beakers.

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

- Children frequently benefit from acting out problems they are trying to solve. If possible, have your child act out homework problems that are difficult for him to solve. For example, if the problem is about money, use play or real money to physically act out what is happening in the word problem. If the problem is about pouring water into beakers, set out some containers that would simulate the word problem, and let your child pour water into the containers according to what happens in the problem. It may be helpful to take a video of your child acting out the problem and have him watch it many times. After acting out the problem, he may find it easier to work on the drawing and writing parts of the RDW process.

TERMS

RDW process: A three-step process used in solving word problems that requires students to 1) read the problem for understanding, 2) draw a picture or model (e.g., a tape diagram), and 3) write an equation and statement of their answer.