

## KEY CONCEPT OVERVIEW

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In Lessons 12 and 13, students solve word problems. The problems have multiple steps and can be solved by using a combination of addition, subtraction, and multiplication.

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

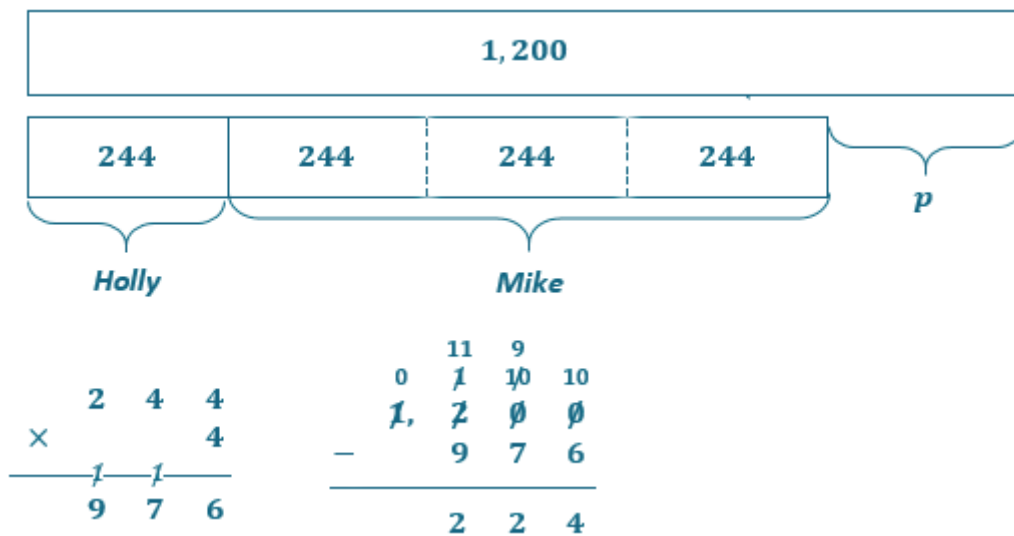
- Use the **RDW process** to solve word problems.
- Create word problems that correspond to a **tape diagram**.

## SAMPLE PROBLEM (From Lesson 12)

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Use the RDW process to solve the following problem.

Holly delivered 244 newspapers. Mike delivered three times as many newspapers as Holly. Their goal was to deliver 1,200 newspapers altogether. How many more newspapers do they have to deliver to meet their goal?



***Holly and Mike have to deliver 224 more newspapers to meet their goal.***

Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at [GreatMinds.org](http://GreatMinds.org).

**HOW YOU CAN HELP AT HOME**

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- With your child, read a magazine article or a page from a book. Together, use the context of what you’ve read to create a word problem. Solve the problem together by using the RDW process. Have your child write the problem on a clean sheet of paper and take it and the solution with her to school. Prompt her to challenge one of her classmates to solve the problem. The original solution can be used as an answer key.
- Continue to practice basic facts for addition, subtraction, multiplication, and division. Find fact practice websites that are interactive and fun.

**TERMS**

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**RDW process:** A three-step process used in solving word problems. **RDW** stands for Read, Draw, Write: **R**ead the problem for understanding; **D**raw a model (e.g., a tape diagram) to help make sense of the problem; **W**rite an equation and a statement of the answer.

**MODELS**

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**Tape Diagram**

