

## KEY CONCEPT OVERVIEW

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During the next few days, our math class will solve comparison word problems. We will learn how to use a double tape diagram to compare two sets of items. We will discuss ways to represent *more* and *fewer* when drawing **tape diagrams**. Then, we will use our drawings to help us solve different types of comparison problems.

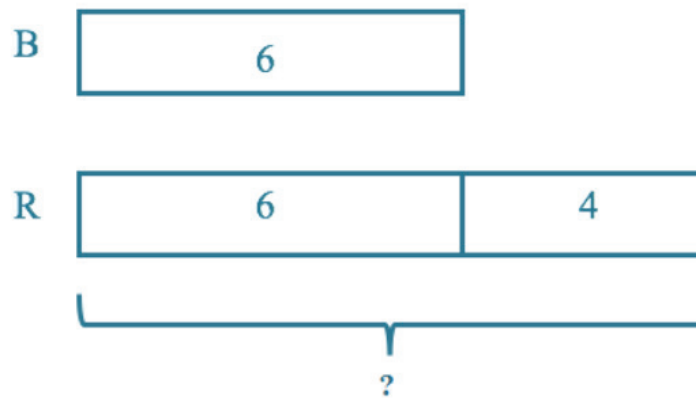
You can expect to see homework that asks your child to do the following:

- Model comparison word problems by using tape diagrams or double tape diagrams with labels to represent each set of items.
- Solve comparison word problems after discussing and drawing to make sense of the problems.

## SAMPLE PROBLEM (From Lesson 2)

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Ben solved 6 math problems. Robin solved 4 more problems than Ben. How many problems did Robin solve?



$$6+4=10$$

***Robin solved 10 math problems.***

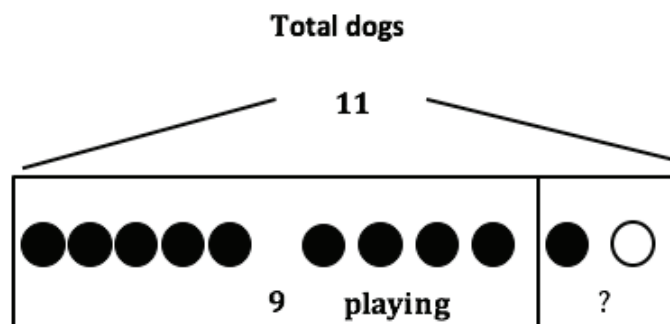
Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at [GreatMinds.org](http://GreatMinds.org).

**HOW YOU CAN HELP AT HOME**

- Help your child visualize number stories by reading some word problems aloud.
- Solving word problems with the word *fewer* can be challenging. As your child reads problems of this type, guide her to determine who has more and who has fewer before solving each problem. Establishing this before solving will help your child understand how to draw a tape diagram and think through the problem.
- Notice and share real-life comparison story problems. For example, you might say, “We have 10 cups. I noticed we have 4 fewer mugs than cups. How many mugs do we have?” OR “I see we have 10 spoons in the drawer. There are 2 more spoons than forks. How many forks do we have?” Challenge your child to visualize and work through each problem before counting how many to check his answer.

**MODELS**

**Tape Diagram:** A problem-solving model that helps students see the relationships between quantities. For example, 9 dogs were playing at the park. Some more dogs came to the park. Then there were 11 dogs. How many more dogs came to the park?



NOTE: Students may also draw double tape diagrams. (See Sample Problem.)