EUREKA MATH™ TIPS FOR PARENTS

KEY CONCEPT OVERVIEW

During the next week, our math class will begin learning about addition with totals of 6, 7, and 8. Students will first receive all of the numbers in a story and write an addition sentence to match the story. Because students do not have to solve for an unknown number, they can focus on what each number stands for in the addition sentence. Then, students solve number stories in which the total is unknown. For example, "There were 4 kittens playing in the yard. Two more kittens came to the yard. How many kittens are now playing in the yard?" Some addition sentences start with a total and ask students to find a number pair that matches the total. For example, "There are 8 toys. Some are on a shelf, and the rest are in a toy box." In this example, $8 = 6 + 2$ is one correct answer, but there are several others.

You can expect to see homework that asks your child to do the following:
- Write number bonds and number sentences to match a picture.
- Write addition sentences to match a picture, with the total both on the left ($7 = 4 + 3$) and on the right ($4 + 3 = 7$).
- Draw a picture and use addition to solve number stories.
- Choose a way to take apart 6, 7, or 8 and write an addition sentence to match.

SAMPLE PROBLEM *(From Lesson 13)*

Fill in the addition sentences to match the picture.

There are 6 cars on the road; 2 cars are blue, and 4 cars are orange.

$$6 = 4 + 2$$

6 is 4 and 2

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

- Invite your child to gather 6, 7, or 8 small objects. Ask her to separate the objects into two groups and to tell a put together story and say or write an addition sentence to match. For example, if she creates groups of 7 and 1, your child might say, "There are 7 puppies playing. One more puppy comes to play. Now there are 8 puppies playing. The sentence is $7 + 1 = 8$."

- Place 6, 7, or 8 pennies in a cup. Shake the cup, and then pour the pennies out. Write an addition sentence to match the number of heads and tails. For example, if one penny lands heads up and five pennies land tails up, the matching number sentence is $6 = 1 + 5$.

- Provide a situation that totals 6, 7, or 8. For example, you might say, "There are 8 vehicles on the road. Some are trucks and some are cars. Say and write some addition sentences to show how many of each there could be." Repeat with several different situations. Take turns with your child writing and saying the matching addition sentences.