EUREKA MATH™ TIPS FOR PARENTS

KEY CONCEPT OVERVIEW

During the next week, our math class will begin learning about subtraction from totals of 6, 7, and 8. We will begin by physically taking away an object or crossing off a picture to help students understand the difference between addition and subtraction. Students will first receive all of the numbers in a subtraction story and write a subtraction sentence to match. This activity allows them to focus solely on knowing what each number stands for in the subtraction sentence. Later, students will solve number stories in which the answer is unknown. Once again, students will use 5-groups to find answers more quickly.

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

- Cross out a given number of objects in a group and write how many are left.

- Match a completed subtraction number sentence to a picture.

- Use drawings, including 5-group drawings, to solve subtraction problems.

- Write a number bond to match a subtraction sentence.

SAMPLE PROBLEM *(From Lesson 23)*

Draw 7 dots in a 5-group. Cross out 4 dots. Fill in the number bond and number sentence to match.

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. Together, tell **take away** stories about the objects and write subtraction sentences to match. For example, "There are 7 frogs on a log; 4 frogs jump into the water. Now there are 3 on the log." ($7 - 4 = 3$)

- Place 6, 7, or 8 pennies in a cup. Shake the cup, and then pour the pennies out. Encourage your child to write a take apart subtraction sentence to match the number of heads and tails that appear. For example, if 6 pennies land heads up and 2 pennies land tails up, your child could write $8 - 6 = 2$ or $8 - 2 = 6$. Remind your child that a take apart story is different from a take away story because in a take apart story, they don't remove any of the parts.

- Have your child close his eyes while you separate 6, 7, or 8 small objects (e.g., beans or pennies) into 2 parts and hide each part in each of your hands. Tell your child the total. Then show how many objects—or which part—you have in one hand. Ask, "How many are hiding in the other hand? What's the other part?"

TERMS

Take away: To separate a whole, or total, number into parts and remove one part; to subtract one number part from a total. For example, there were 5 children; 3 girls went home, and 2 boys are left.