SCHOOL-to-HOME CONNECTIONS

Chapter 2

Addition and Subtraction Within 10

Dear Family,

In this chapter, your child will add and subtract within 10. Skills your child will practice include:

- adding by counting on
- adding using number bonds
- subtracting by counting back and counting on
- subtracting using number bonds
- writing addition and subtraction sentences
- making addition and subtraction stories
- solving real-world problems involving addition and subtraction
- writing fact families
- determining if number sentences are true or false

Math Practice

At the end of this chapter, you may want to carry out these activities with your child. These activities will help to strengthen your child's understanding of addition and subtraction within 10. Take turns playing. Lead the first round to show your child how to play.

Activity 1

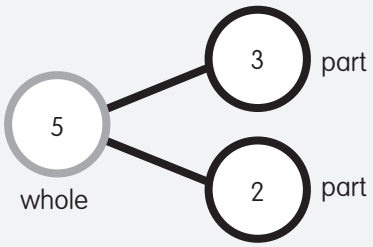
- Gather a paper plate, a number cube, and 10 identical objects, such as dried beans, macaroni shells, or buttons.
- Put up to 4 objects on the plate and count aloud as you do so.
- Roll the number cube and put the corresponding number of objects on the plate, counting on to find the total number of objects.
- Empty the plate and let your child lead the next round.

Activity 2

- Gather a paper plate, a number cube, and 10 identical objects, such as dried beans, macaroni shells, or buttons.
- Put 10 objects on the plate and count aloud as you do so.
- Roll the number cube and remove the corresponding number of objects on the plate, counting back to find the number of objects that remain.
- Empty the plate and let your child lead the next round.

Math Talk

A **number bond** is a visual model of the relationship between a **whole** number and its **parts**. For example, the parts 2 and 3 form a number bond for 5. Discuss the following number bond with your child, encouraging him or her to use the words whole and part in the discussion. Use identical objects such as blocks to support your discussion.



Gather 10 identical objects such as dried beans, and a piece of paper. Draw an **addition** symbol (**+**) in the middle of the paper. Turn the paper over and draw a **subtraction** symbol (**–**). Use the objects and both sides of the paper to discuss how to model and solve addition and subtraction problems.



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