

# Math Connections for Parents

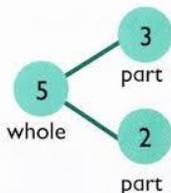
Grade 1 Module 2

## Introduction to Place Value through Addition and Subtraction Within 20

Welcome to Module 2 of First Grade Math. In Module 2, students continue to strengthen their addition and subtraction facts to 10. Students also begin to work on adding and subtracting teen numbers. Students will continue to count on or count back, and will also be introduced to “make a ten” or “take from ten”.

### Important Words and Concepts

- Count on: students count from a number instead of counting from 1. For example,  $4+3$ , start at 4 and count 5, 6, 7.
- A Ten (students will focus mainly on one ten)
- Partners to Ten
- Teen Numbers
- Number bond: graphic to show part, part, whole of a group of numbers.



### Sums and Differences to 10

Knowing fluency of addition and subtraction numbers to 10 will continue to be a focus in Grade 1. Work with your child to develop automatic recall of addition and subtraction facts 0-10 by counting and counting on. Use toys at home or items at the store to practice counting skills.

### KEY STANDARDS

- Use addition and subtraction to solve word problems
- Understand the relationship between addition and subtraction ( $8+3=11$  is the same as  $3+8=11$ )
- Understand subtraction as solving an unknown ( $10-8$  can be solved by knowing what number adds to 8 to make 10)
- Add and subtract within 20
- Understand the meaning of an equal sign and tell which equations are true or false.
- Find the unknown number in an equation ( $4 + ? = 7$ )
- Understand that the two digits of a two-digit number represent amounts of tens and ones.



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Grade 1 Module 2

Introduction to Place Value through Addition and Subtraction Within 20

Graphics and Strategies you will see...

**One Strategy students use is the RDW method to solve a problem:**

Read the word problem.

Draw and label.

Write a number sentence and a statement that matches the story.

Janet read 8 books during the week. She read some more books on the weekend. She read 12 books total. How many books did Janet read on the weekend?



$$8 + ? = 12$$

Janet read 4 books on the weekend.

$$\begin{array}{r} 4 + 8 = \underline{\quad} \\ 2 \quad 2 \end{array}$$



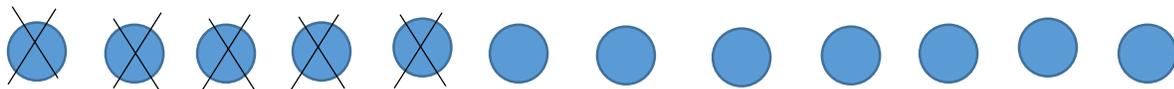
$$10 + 2 = 12$$



Students begin to look for ways to “Make a Ten” in order to solve teen problems.

**Sample Word Problem:**

There are 12 sugar cookies in the box. My friend and I ate 5 of them. How many cookies are left in the box?



There are 7 cookies left in the box.



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