

Unit 6

Family Letter

Reveal
MATH

Dear Family,

In this unit, Strategies to Fluently Subtract within 100, we will be learning how to solve subtraction problems using different strategies.

STEM Career Kid for this Unit

Hi, I'm Emily.

Hello! My name is Emily. I want to be an aerospace engineer. Aerospace engineers use math when they compare the lengths of the parts of airplanes.



What math terms will your child use?

Term	Student Understanding
adjust	in a subtraction problem, add or subtract the same amount to the total and change number to create at least one friendly number; for example, $55 - 29 = 56 - 30 = 26$
count back	one way to subtract is to count back on a number line by starting at the total and counting back an amount equal to the change number
count on	one way to subtract on a number line is to count on by starting at the change number and counting on until you get to the total
decompose	break numbers into smaller parts; for example; you can use place value to decompose 72 into $70 + 2$
friendly numbers	numbers that are easy to subtract



What can your child do at home?

Create subtraction word problems based on situations around your home. Have your child solve the problems using the strategies in this unit. For example, he or she could use crafting supplies to create a number line or bar diagram to represent the situation.

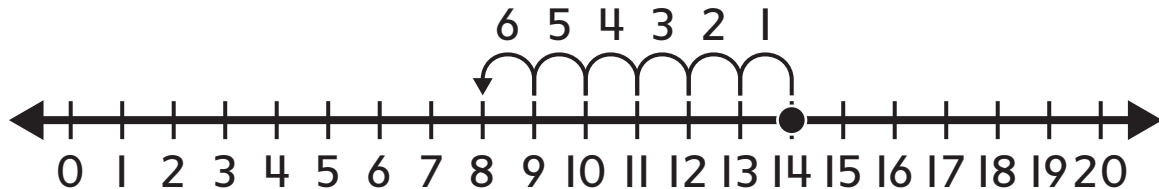
What Will Students Learn in this Unit?

Subtracting Fluently within 20

In this unit, your child learns how to use various strategies to improve his or her fluency with subtracting within 20. Students use number lines, the make a 10 strategy, and they relate subtraction to addition to help them build their fluency with subtracting within 20.

Example: Find $14 - 6$.

Count back to subtract.



$$14 - 6 = 8$$

Subtracting within 100

In this unit, your child learns how to use various strategies to subtract within 100. Students decompose numbers by breaking them apart. Students adjust numbers by changing each number by the same amount to make the numbers easier to subtract. Students can write and solve a related addition equation with an unknown addend to find the difference of a subtraction equation. Students can use base-ten blocks and number lines to subtract.

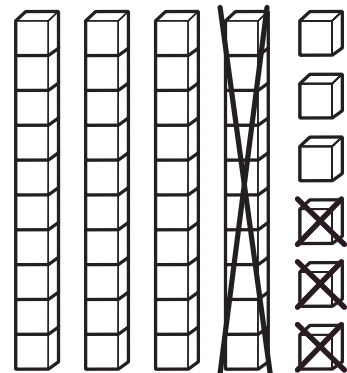
Example:

A teacher has 46 markers. 13 markers are red and the rest are blue. How many are blue?

Show 4 tens and 6 ones.

Cross out 1 ten and 3 ones to represent 13 red markers.

Count the base-ten blocks to find how many are left.



Solving One- and Two-Step Subtraction Problems

Your child also learns to solve one- and two-step subtraction problems. Encourage your child to remember the following guidelines when solving problems.

- Read the problem carefully to make sure you understand what to find.
- Represent each step. You can use words, drawings, and numbers.
- Decide which operation to use for each step.
- Solve one step at a time. Use the solution from one step for the next step.