

Unit 4

Family Letter

Reveal
MATH

Dear Family,

In this unit, Addition within 20: Facts and Strategies, we will be learning multiple strategies to add two and three numbers. We will also explore what the equal sign means and how to find an unknown in an equation, for example, in the equation $5 + ? = 12$, the unknown is 7.

STEM Career Kid for this Unit

Hi, I'm C.J.

Hello! My name is C.J., and I want to be a statistician. Statisticians use math when they collect and analyze data.



What math terms will your child use?

Term	Student Understanding
addend	any number being added, for example, in $3 + 4 = 7$, both 3 and 4 are addends
equation	a number sentence containing an equal sign, which shows the amounts on both sides have equal value
unknown	a missing number, the number to be solved for, in an equation

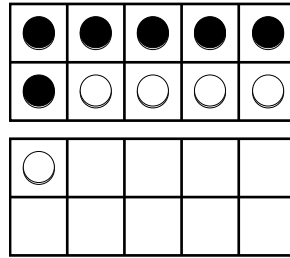


What can your child do at home?

Encourage your child to practice the addition strategies he or she has learned. For example, have your child create groups of objects to find sums, or totals, within 20.

What Will Students Learn in this Unit?

Using a Ten-Frame to Add



$$6 + 5 = 11$$

Your child will learn to add two numbers using a ten-frame. Ten-frames provide organization and structure for students while adding. Students can use manipulatives, such as counters, or drawings in ten-frames.

Adding Three Numbers

Your child will also learn to use strategies to help them decide how to efficiently add three numbers. For example, students will pick two addends they can easily add before adding the third addend to their sum.

Examples:

$$\textcircled{3} + 5 + \textcircled{7} = ?$$

$$10 + 5 = 15$$

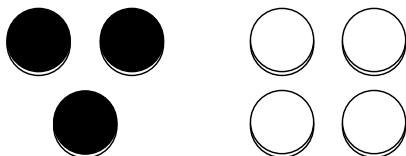
$$\textcircled{9} + \textcircled{1} + 2 = ?$$

$$10 + 2 = 12$$

Using Properties to Add

Students will also learn to use properties as they add two or three numbers. Students should understand that the order in which numbers are added does not matter. Throughout this unit, students circle amounts, regardless of their order, to show which they will add first. In the example below, the order of the addends, 3 and 4, does not affect their sum.

$$3 + 4 = 7$$



$$4 + 3 = 7$$

