

Unit 7

Family Letter

Reveal
MATH

Dear Family,

In this unit, Meanings of Addition, we will be learning how to write equations to solve addition word problems.

STEM Career Kid for this Unit

Hi, I'm Chloe.

I want to be a carpenter. Carpenters use math when they find the total length of two boards.



What math terms will your child use?

Term	Student Understanding
part	a quantity that is put together with another quantity; in an addition equation, it is the addend
whole	the result of two quantities that are put together; in an addition equation, it is the sum
word problem	a mathematical problem that includes a real-world context



What can your child do at home?

Encourage your child to practice solving addition word problems. Look for everyday situations where you can ask your child to find the sum or a missing addend.

What Will Students Learn in this Unit?

Solving Problems When the Result Is Unknown

Your child will learn to add one part to another part to find the result, or whole. Encourage your child to draw simple pictures such as Xs or circles when solving these problems. When writing an addition equation, a ? is used for the unknown.

Example:

Trang has 10 trading cards. He buys 4 more. How many trading cards does Trang have now?



$$10 + 4 = ?$$



$$10 + 4 = 14$$

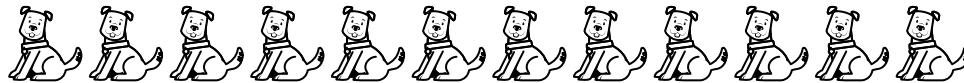
Trang has 14 trading cards.

Solving Problems When Both Addends Are Unknown

Your child will also learn to solve addition problems when both addends are unknown. With this type of problem, it is important for students to understand that there can be multiple correct answers. The important concept is that the addends must add up to the sum.

Example:

There are 12 dogs in the park. Some of the dogs are male and some are female. How many dogs are male and how many are female?



The equation $12 = ? + ?$ represents the problem. Some possible answers:

$$2 + 10 = 12$$

$$10 + 2 = 12$$

$$3 + 9 = 12$$

$$9 + 3 = 12$$

$$4 + 8 = 12$$

$$8 + 4 = 12$$

$$5 + 7 = 12$$

$$7 + 5 = 12$$

$$6 + 6 = 12$$