Common Core Standards

Operations and Algebraic Thinking

Grade K

Vocabulary Words
Your Student Will Learn

Add: To join together two or more numbers

Subtract: To take one quantity away from another

Equation: A mathematical statement containing an equal sign, to show that two expressions are equal

Decompose: To break a number into smaller parts to simplify computation.
Example: 15 = 10 + 5.

Equal Sign: Having the same amount or value

Compose: To put decomposed numbers back together.
Example: 10 + 5 = 15

What Your Student Will Learn:

♦ Represent addition and subtraction in many ways.

♦ Solve addition and subtraction word problems within 10

♦ Break apart numbers into pairs in more than one way (e.g., 5 = 2 + 3, 5 = 4 + 1, and 5 = 5 + 0).

♦ Find the number that makes 10 when added to a given number. (e.g., If you have 6 what number is needed to make 10?)

♦ Fluently add and subtract within 5.

Everyday Activities You Can Do At Home:

♦ Use cereal pieces to solve the following problem: Mason has 10 pieces of cereal. He eats 4 pieces. How many pieces are left?

♦ How old are you now? Subtract one from that number and record it. Add 3 to that number and record it.

♦ Count backwards from 100. Skip count to 100 by 10s. Which took longer? Write your answer.

♦ Go outside and find two clovers. Write an equation to show how many leaves are on both clovers.

♦ Use some fruit to solve the following problem: Ken has 5 bananas in a bunch. He eats some. There are 3 left. How many bananas did he eat?

♦ Ben had 4 chairs at his kitchen table in the morning. After school there was only 1 chair at the kitchen table. How many chairs are missing?