

Numbers and Operations in Base Ten

Grade K

Vocabulary Words Your Student Will Learn

Place Value: The value of the place of the digit in the number (For example: in 27, 2 is in the 10's place and is worth 20)

Compose: Putting numbers together to make a new number (For example: $5+10=15$)

Decompose: Breaking a number apart (For example: $15=8+7$)

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

Add: To join two or more numbers

Subtract: To take one quantity away from another

Ten: A group of ten ones

What Your Student Will Learn:

- ◆ Make or break apart numbers from 11 to 19 into ten ones and some more ones. Use objects or drawings, and record each with an equation (e.g., $18 = 10 + 8$)

Everyday Activities You Can Do At Home:

- ◆ Use a stick of spaghetti to represent 10 and marshmallows to represent ones. Represent the numbers 12, 13, and 16 with the spaghetti and marshmallows.
- ◆ Use a popsicle stick to represent a ten and beans to represent ones. Using a deck of cards, give your child a 10 card, and draw another number card, then add the numbers together and show the number with sticks and beans.
- ◆ Walk from one end of the kitchen to the other and count how many steps, then show how many steps were taken with sticks and beans