

## Kindergarten

### Place value for numbers 11-19

**K.NBT.1.** Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (such as  $18 = 10 + 8$ ); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

Rationale: Students typically find the “teen” numbers very confusing and rightfully so. These specific set of numbers generally pose problems for our students. Understanding that there is a ten and some ones to create the teen number is a huge building block to developing sound number sense.

### Ways to build teen number sense at home:

-Use double ten frames: Students should be able to identify that the first ten frame is full and therefore shows ten (students should not count the dots individually on the full ten frame). When adding the second ten frame into the mix, students should use the strategy “count on” to find the teen number shown. Using the example shown below, ideally a student would say, “ten, eleven, twelve, thirteen” and give 13 as the number shown.

-You can make a teen number memory game. Write the numbers 11-19 on individual index cards or papers, on another set, show the quantity using ten frames, tallies, or with the word written out. Turn all cards over and have students try to make a match.

-Go to <https://www.teacherspayteachers.com/> and do a search for teen number activities under the free section for each grade level.

- Use pretzel sticks as ten and M&M's, Skittles, or raisins to be ones. Give your child a teen number and see if he or she can build the number by putting one ten (pretzel stick) and some ones (M&M's, Skittles, raisins). You could also do this with large marshmallows for ten, and mini-marshmallows for ones.

-When you are reading a book with page numbers to your child, see if he or she can name the teen number page and guess what number will come before or after. You could also give a closed book with page numbers and ask your child to find a teen number page. As an added bonus, using books and turning pages also hits an English Language Arts standard for Kindergarten as well.

