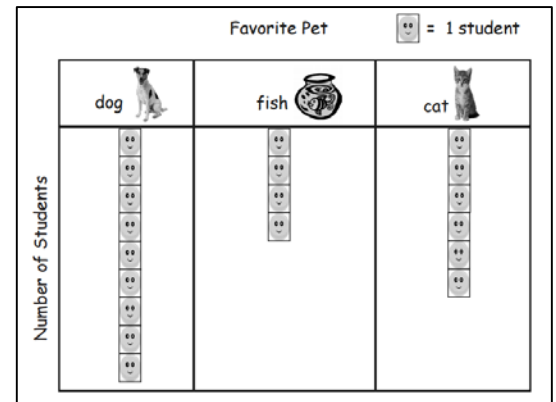




A Story of Units...

Place Value and Measurement

This quarter we will continue our study of addition and subtraction and beginning to think more about operations and place value. We will discuss numbers like 17 as “one ten and seven ones.” In module 3, we will transition to measurement as we compare the lengths of objects and use smaller objects as units to measure larger ones. We will conclude the module with some data sorting, as seen in this chart.



In Module 2 we will:



- **Use** addition and subtraction to solve word problems within 20
- **Solve** word problems that call for addition of three numbers within 20
- **Apply** properties of operations
- **Understand** the relationship between subtraction and addition
- **Relate** counting to addition and subtraction
- **Add and subtract** within 20 and demonstrate fluency within 10
- **Demonstrate** an understanding that the two digits in a two-digit number represent tens and ones

In Module 3 we will:

- **Continue** to solve addition and subtraction word problems within 20
- **Compare** the lengths of three objects directly and indirectly compare the lengths of two objects using a third
- **Measure** the length of an object using multiple shorter objects as the unit

- **Analyze data by** data points total, per category, and comparing categories

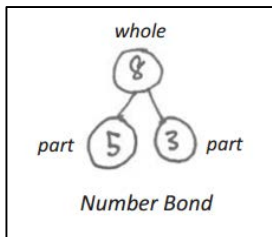
Enrichment Activities

In school, your child will...	At home, your child can...
<p>Play Magic Counting Sticks (fingers) to show amounts of ten and ones to 19.</p>  <p style="text-align: center;"><i>10 and 3</i></p> <p>Measure the length of different objects using centimeter cubes that are hands-on representation of a unit. An example:</p> 	<p>Describe 2-digit numbers as () tens and () ones.</p> <p>Compare the lengths of objects by using a third object. For example, the rug is longer than a book and a book is longer than a toothpick. Therefore, the rug is longer than the toothpick.</p> <p>Measure household objects in terms of other objects. For example, “how many pennies long is my comb?”</p>

Focus Standards for Mathematical Practice

- Reason abstractly and quantitatively. Students represent quantities with numerals.
- Use reasoning to construct arguments and think about the reasoning of others
- Model decompositions by drawing and writing (such as 3 can be broken into 1 and 2)
- Use precision and focus when solving a problem
- Look for and make use of structure
- Look for and express regularity in repeated reasoning

Fluency Focus



In these modules we will continue to develop addition and subtraction fluency through our fluency practice activities and games. These addition and subtraction exercises work on connecting the meaning of addition and subtraction through number bonds and other visuals.