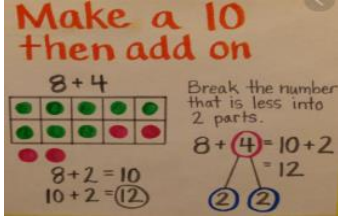
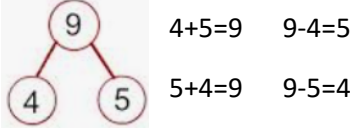
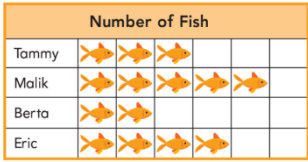
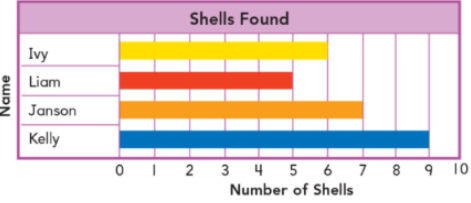
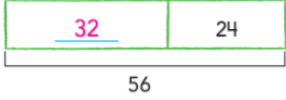


Math: Grade 2

Quarter	Math Understanding	The student can...	Support Information
1	Understand Addition & Subtraction Within 20	*add with sums up to 20 and subtract from up to 20 using mental strategies such as: counting on, making ten, and using doubles.	<p>Sum – The sum is the answer to an addition problem.</p> <p>“Count On” Strategy – Counting on is an efficient strategy for adding 1, 2, or 3. Example: $6+3 = 9$ Start at six, then “count on” three - 7, 8, 9 to get the answer.</p> <p>Click HERE for a video of the Count On Strategy.</p> <p>Making Ten Strategy</p>  <p>Click HERE for a video of the Making Ten Strategy to add. Begin at 3:36.</p> <p>Click HERE for a video of the Making Ten Strategy to subtract.</p> <p>Doubles Facts are addition facts that have the same addend. For example, $6+6$ or $5+5$.</p> <p>Click HERE for a video of the Using Doubles Facts Strategy.</p> <p>Number Bonds are used to help students see relationships between addition and subtraction.</p>  <p>Click HERE for a video of Number Bonds.</p>
1	Represent & Interpret Data	*draw picture graphs and bar graphs to represent data. *answer questions about picture graphs and bar graphs.	<p>Picture Graphs</p>  <p>Bar Graphs</p> 

2	Apply Strategies for 2-Digit Addition & Subtraction	<p>*add and subtract 2-digit numbers using place value.</p> <p>*add up to four 2-digit numbers.</p>	<p>2-Digit Addition Click HERE to see a video on how to use place value to add.</p> <p>Click HERE to see a video on how to add with regrouping.</p> <p>2-Digit Subtraction</p> <p>Click HERE for a video on how to model subtraction with regrouping.</p> <p>Click HERE for a video on subtraction with regrouping.</p> <p>Click HERE for a video on how to add up to subtract.</p>
3	Use Place Value to Add & Subtract Within 1,000	<p>*add and subtract within 1,000 using models, drawings or strategies based on place value, properties of operations, or the relationship between addition and subtraction.</p>	<p>Click HERE for a video on how to model 3-digit addition with base ten blocks.</p> <p>Click HERE for a video on how to model 3-digit addition with regrouping.</p> <p>Click HERE for a video on how to add 3-digit numbers using place value.</p> <p>Bar Models are used to show the parts and the whole in a problem. If one of the parts is missing, you can use addition or subtraction to find the missing part.</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>$32+24=56$</p> <p>$56-32=24$</p> <p>$56-24=32$</p> </div> </div>
	Solve Addition & Subtraction Word Problems	<p>*solve story problems using addition and subtraction.</p>	<p>Students are encouraged to think of the action in a story problem to determine if they should add or subtract.</p>
	Apply Strategies for 3-Digit Addition & Subtraction	<p>*understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.</p>	<p>Click HERE for a video on how to add 3-digit numbers using place value.</p>

4	Measure, Estimate, & Compare Length	<p>*measure the length of an object by selecting the appropriate tools such as rulers, yard sticks, meter sticks, and measuring tapes.</p> <p>*estimate length using inches, feet, centimeters, and meters.</p>	Estimate means to make a reasonable guess.
---	-------------------------------------	---	---