Grade 2

Subtraction Within 100
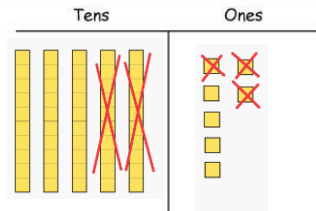
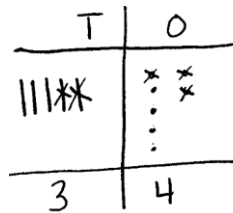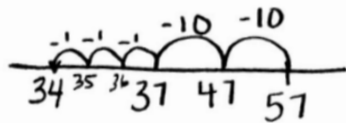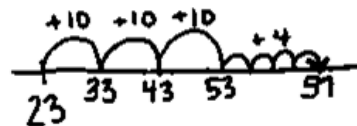| Overarching Student Learning Goals In this unit, your child will work to build an understanding of the following:	Resources/Tasks to support your child at home.
Using varied strategies, based on place value, to visualize subtraction. ## Solve. 57 – 23 Subtracting with base ten blocks: Subtracting with quick pictures: Subtracting using expanded form: *"5 tens minus 2 tens is 3 tens...and 7 ones minus 3 ones is 4 ones. So the answer is 3 tens and 4 ones, 34!"* Subtracting with an open number line: "Think addition" strategy	• Kahn Academy Video: Addition and Subtraction with Number Lines https://tinyurl.com/yd6xbfe4 • LearnZillion Video: Subtract Numbers Within 100 Using Base-Ten Blocks https://tinyurl.com/yaxngqjl • Cut out paper base ten blocks. Have your child use the tools to model subtraction problems. Encourage your child to record their work using quick pictures and/or open number lines. • Task: Ryan found some jelly beans. His sister found 21 jelly beans. Together they found 83 jelly beans. How many jelly beans did Ryan find?

For more information on the learning goals and your child's progress, please contact your child's teacher.

Grade 2

Identifying and understanding when regrouping (trading) is necessary in subtraction. Solve. 42 – 15 Base Ten Blocks *"I **can't** take away 5 ones if there are only 2 ones to begin with. I can trade or regroup a tens rod for 10 ones. Then I can take away the 5 ones. I take away 1 ten from the 3 that are left over. So 42-15 equals 27 "* 	• Before your child solves a subtraction equation, ask them to pause and think if they will have to use regrouping (or trading). Ask them to explain why or why not? • Kahn Academy Video: Subtracting a 1-digit Number with Regrouping https://tinyurl.com/ngtwsk5 • Task: There are 45 students in 2nd grade. 16 students walk to school and the rest ride a bus. How many students ride a bus to school?
Using models based on place value understanding to regroup (trade) when subtracting. *Gavin had 34 LEGOs. He used 26 of the LEGOs to make a building. How many LEGOs were not used?* Think: He started with 34 LEGOs. Think: I need to regroup before I can subtract because 4 ones is less than 6 ones. Think: Now I have 14 ones, so I take away 6 and there are 8 left. I take away 2 tens and there are none left. 34 subtract 26 is 8.	• Kahn Academy Practice: Add and Subtract Using a Number Line https://tinyurl.com/y8e7kywy • Cut out paper base ten blocks. Have your child use the tools to model subtraction problems. Encourage your child to record their work using quick pictures and/or open number lines. • Task: Solve 64-19. Explain how you could use an open number line to find the difference.
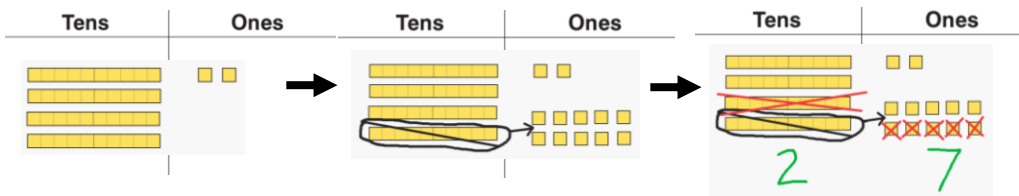
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