Lesson 9: Add 2 Two-digit Numbers

Standards Alignments

Addressing 1.NBT.C.4

Teacher-facing Learning Goals

- Add 2 two-digit numbers within 100, with composing a ten, in a way that makes sense to them.

Student-facing Learning Goals

- Let's add two-digit numbers.

Lesson Purpose

The purpose of this lesson is for students to add 2 two-digit numbers within 100 in any way that makes sense to them, including composing a ten.

In previous lessons, students added a one-digit number and a two-digit number with composing a ten. They also added 2 two-digit numbers without composing a new ten. They discussed methods based on place value and the properties of operations. They wrote equations to show their thinking.

In this lesson, students add 2 two-digit numbers in any way that makes sense to them. Students may apply methods learned in previous lessons, including methods based on making a new ten or adding tens and tens and ones and ones. Students are not required to write equations, although some may do so.

Access for:

Students with Disabilities

- Action and Expression (Activity 1)

English Learners

- MLR7 (Activity 2)

Instructional Routines

5 Practices (Activity 1), Number Talk (Warm-up)

Materials to Gather

- Connecting cubes in towers of 10 and singles: Activity 1, Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	20 min
Activity 2	15 min
Lesson Synthesis	10 min
Cool-down	5 min

Teacher Reflection Question

How effective were your questions in supporting students' thinking today? What did students say or do that showed they were effective?

Cool-down (to be completed at the end of the lesson) 5 min

Find the Value

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Student-facing Task Statement

Find the value of $18 + 55$.
Show your thinking using drawings, numbers, or words.

Student Responses

73. Sample responses:

- Draws 18 as 1 ten and 8 ones. Draws 55 as 5 tens and 5 ones underneath. Draws and labels to show grouping 10 ones as 1 ten. Labels work to show adding or counting on $60 + 10 + 3 = 73$.
- $55 + 10 = 65$, $65 + 8 = 73$