Lesson 3: Add It, Explain It

Standards Alignments

Addressing   1.NBT.C.4

Teacher-facing Learning Goals

- Add 2 two-digit numbers, without composing a ten, using methods based on place value.
- Write equations to represent addition methods.

Student-facing Learning Goals

- Let's add numbers and write equations to show our work.

Lesson Purpose

The purpose of this lesson is for students to add 2 two-digit numbers, without composing a ten, using methods based on place value and to write equations to represent addition methods.

In previous lessons, students used methods based on place value to add within 100, without composing a ten. They analyzed equations that represent methods for finding the sum.

In this lesson, students add two-digit numbers using methods of their choice and write equations to match their thinking. Students interpret and compare different methods for finding the value of the same sums. Students also practice explaining their own methods and listening to the methods of their peers. Students have opportunities to revise how they explain their own and others' methods and consider how representations of their own thinking (for example, drawings or equations) can help them explain or interpret their work (MP3, MP6).

This lesson has a Student Section Summary.

Access for:

♿ Students with Disabilities

- Action and Expression (Activity 2)

🌐 English Learners

- MLR7 (Activity 1)

Instructional Routines

MLR8 Discussion Supports (Activity 2), 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	15 min
Activity 2	20 min
Lesson Synthesis	10 min
Cool-down	5 min

Teacher Reflection Question

Today students were asked to share their thinking in a way that would make sense to their partner. What have you noticed about the language students use? What support can you offer to students who struggle to communicate their ideas orally?

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

Find the Value of $14 + 53$

Standards Alignments

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Student-facing Task Statement

Find the value of $14 + 53$.
Show your thinking using drawings, numbers, or words.
Write equations to show how you found the value.

Student Responses

67. Sample responses:

- $10 + 50 = 60$
  $4 + 3 = 7$
  $60 + 7 = 67$
- $14 + 50 = 64$
  $64 + 3 = 67$
- $53 + 10 = 63$
  $63 + 4 = 67$