Lesson 8: Show Me All the Ways

Standards Alignments

Addressing   1.NBT.A.1, 1.NBT.B, 1.OA.C.6

Teacher-facing Learning Goals

- Represent two-digit numbers in different ways.

Student-facing Learning Goals

- Let's represent two-digit numbers in different ways.

Lesson Purpose

The purpose of this lesson is for students to represent two-digit numbers in different ways to demonstrate place value understanding.

Students represent a two-digit number in as many ways as they can. They are encouraged to think about representations of their number that have different amounts of tens. Then, they do a gallery walk to compare representations their classmates made.

If students need additional support with the concepts in this lesson, refer back to Unit 4, Section D in the curriculum materials.

Access for:

⬤ Students with Disabilities

- Action and Expression (Activity 1)

🌐 English Learners

- MLR7 (Activity 2)

Instructional Routines

Estimation Exploration (Warm-up)

Materials to Gather

- Connecting cubes in towers of 10 and singles: Activity 1
- Materials from a previous activity: Activity 2
- Materials from previous centers: Activity 3
- Paper: Activity 1

Lesson Timeline

Warm-up	10 min
Activity 1	15 min
Activity 2	10 min
Activity 3	15 min
Lesson Synthesis	10 min

Teacher Reflection Question

In grade 2, students extend their understanding of place value to three-digit numbers and perform addition and subtraction within 1,000. How does the grade 1 work with place value prepare them for that future learning?

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

🕐 0 min

Unit 8, Section C Checkpoint

Standards Alignments

Addressing   1.NBT.B

Student-facing Task Statement

Lesson observations

Student Responses

- Represent numbers to show the base-ten structure.
- Represent the same number with different amounts of tens and ones.