

Lesson 8: Varias representaciones de decenas y unidades

Standards Alignments

Addressing 1.NBT.A.1, 1.NBT.B.2, 1.NBT.B.2.a

Teacher-facing Learning Goals

- Interpret different base-ten representations of two-digit numbers (drawings, words, and addition expressions).

Student-facing Learning Goals

- Pensemos cómo se pueden mostrar los números de dos dígitos.

Lesson Purpose

The purpose of this lesson is for students to interpret base-ten representations of two-digit numbers.

In previous lessons, students learned that the digit on the left of a two-digit number tells the number of tens and the digit on the right tells the number of ones.

In this lesson, students interpret three different base-ten representations: base-ten diagrams, ____ tens ____ ones, and addition expressions that represent the value of each digit. This is the first time students see expressions representing two-digit numbers other than $10 + n$ expressions representing teen numbers. Students match representations that show the same value.

At this time, students are not expected to write two-digit numbers, but continue to make sense of how to read and say them based on their base-ten structure. The teacher should record two-digit numbers when students say them.

Access for:

Students with Disabilities

- Engagement (Activity 2)

English Learners

- MLR7 (Activity 1)

Instructional Routines

Estimation Exploration (Warm-up)

Materials to Gather

- Base-ten blocks: Activity 3
- Connecting cubes in towers of 10 and singles: Activity 1, Activity 2

Lesson Timeline

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

Materials to Copy

- Representations of Tens and Ones, Spanish (groups of 2): Activity 2
- Grab and Count Stage 2 Recording Sheet, Spanish (groups of 1): Activity 3

Teacher Reflection Question

What was the best question you asked students today? Why would you consider it the best one based on what students said or did?

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

 0 min

Unidad 4, punto de chequeo de la sección B

Standards Alignments

Addressing 1.NBT.B.2

Student-facing Task Statement

Lesson observations

Student Responses

- Recognize different base-ten representations of the same number.