Lesson 5: Comparemos números decimales

Standards Alignments

Addressing   5.NBT.A.3, 5.NBT.A.3.b

Teacher-facing Learning Goals

- Compare decimals to the thousandths place.
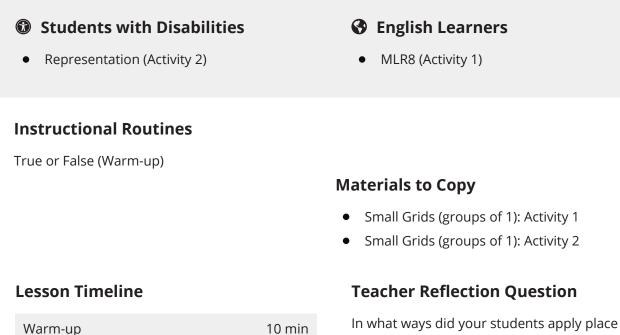
Student-facing Learning Goals

- Comparemos números decimales.

Lesson Purpose

The purpose of this lesson is for students to use place value understanding to compare decimals to the thousandths place.

In previous lessons, students read and write decimals to the thousandths place. In this lesson, students use place value understanding to compare decimals to the thousandths place. Students may use diagrams, words, or expressions to justify their thinking. Make hundredths grids available for students to use. Students will build on their earlier work with thousandths when they look for a number between 5 and 5.01. In order to find a decimal between these two numbers students will realize that they need a value smaller than a hundredth, motivating them to use the thousandths place and to think of 5 as 5.000 and 5.01 as 5.010.

Access for:

♿ Students with Disabilities

- Representation (Activity 2)

🌐 English Learners

- MLR8 (Activity 1)

Instructional Routines

True or False (Warm-up)

Materials to Copy

- Small Grids (groups of 1): Activity 1
- Small Grids (groups of 1): Activity 2

Lesson Timeline

Warm-up	10 min

Teacher Reflection Question

In what ways did your students apply place

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

value reasoning from previous lessons during the lesson today?

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

Compara números decimales

Standards Alignments

Addressing   5.NBT.A.3.b

Student-facing Task Statement

Lin lanzó el *frisbee* a 5.09 metros. Andre lanzó el *frisbee* a 5.1 metros. ¿Quién lanzó el *frisbee* más lejos? Explica o muestra tu razonamiento.

Student Responses

Andre threw the frisbee farther. They each threw it 5 meters but then 1 tenth is 10 hundredths and that's more than 9 hundredths.