

Lesson 4: Compare and Order Decimals

Standards Alignments

Addressing 4.NF.C.7

Teacher-facing Learning Goals

- Compare and order decimals to hundredths by reasoning about their size.

Student-facing Learning Goals

- Let's put some decimals in order.

Lesson Purpose

The purpose of this lesson is for students to compare and order decimals.

Previously, students reasoned about the relative size of decimals using number lines and other strategies. In this lesson, they apply those strategies to compare and order decimals, both in and out of context. The contexts in this lesson and in the next one share a track-and-field theme and involve measurements (running times in this lesson and jumping distances in the next lesson).

Access for:

Students with Disabilities

- Representation (Activity 2)

Instructional Routines

Estimation Exploration (Warm-up), MLR6 Three Reads (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

What questions from the lesson provided the most insight into student thinking? What surprised you about the insights you gained?

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

🕒 5 min

From Least to Greatest

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Student-facing Task Statement

Order the numbers from least to greatest.

5.01 0.05 0.5 5.1 0.1 0.51

Student Responses

0.05 0.1 0.5 0.51 5.01 5.1