

Lesson 9: Order Decimals

Standards Alignments

Addressing 5.NBT.A.3.b

Teacher-facing Learning Goals

- Order decimals within the thousandths place.

Student-facing Learning Goals

- Let's put decimals in order.

Lesson Purpose

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

The purpose of this lesson is for students to apply their understanding of decimal place value to list a set of decimal numbers in increasing size. Some students may wish to use a number line to help locate the numbers. Students who choose to use the number lines have the interesting task of figuring out which numbers to put at the ends of their number line, which will require thinking carefully about place value and the size of the numbers they are locating (MP6).

Access for:

Students with Disabilities

- Engagement (Activity 1)

English Learners

- MLR1 (Activity 2)

Instructional Routines

True or False (Warm-up)

Lesson Timeline

Warm-up	10 min
Activity 1	20 min
Activity 2	15 min
Lesson Synthesis	10 min
Cool-down	5 min

Teacher Reflection Question

Identify who has been sharing their ideas in class lately. Make a note of students whose ideas have not been shared and look for an opportunity for them to share their thinking in tomorrow's lesson.

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

🕒 5 min

Order the Decimals

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Student-facing Task Statement

Write these numbers in order from least to greatest: 565.4, 556.040, 565.004

Student Responses

556.040, 565.004, 565.4