Lesson 5: Compare and Order Decimals and Fractions

Standards Alignments

Addressing   4.NF.C.5, 4.NF.C.6, 4.NF.C.7

Teacher-facing Learning Goals

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

Student-facing Learning Goals

- Let's put fractions and decimals in order.

Lesson Purpose

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

In a previous unit, students compared and ordered fractions. Earlier in this unit, they did the same with decimals. In this lesson, students compare and order tenths and hundredths in both fraction and decimal notations.

This lesson has a Student Section Summary.

Access for:

♿ Students with Disabilities

- Action and Expression (Activity 1)

🌐 English Learners

- MLR8 (Activity 1)

Instructional Routines

Number Talk (Warm-up)

Materials to Copy

- Order Once, Order Twice (groups of 2): Activity 1

Lesson Timeline

Warm-up	10 min
Activity 1	25 min

Teacher Reflection Question

In upcoming lessons, students will continue thinking about place value, but will work toward much larger whole numbers. What do you know

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

about students' current understanding of place value that would be important to keep in mind moving forward?

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

Order Up

Standards Alignments

Addressing   4.NF.C.7

Student-facing Task Statement

1. Order the numbers from least to greatest.

$$3.2 \qquad 3\frac{2}{100} \qquad 2.92 \qquad 2\frac{2}{10} \qquad 3.09$$

2. Use two numbers from your ordered set and the symbols <, >, or = to write a true comparison statement.

Student Responses

1. $2\frac{2}{10}$, 2.92, $3\frac{2}{100}$, 3.09, 3.2
2. Sample response: $3.09 > 2.92$ or $2\frac{2}{10} < 3.2$