

# Lesson 10: Here Comes the Sum

## Standards Alignments

Addressing 5.NF.A.1

### Teacher-facing Learning Goals

- Add fractions with unlike denominators.

### Student-facing Learning Goals

- Let's play some games to practice adding fractions.

## Lesson Purpose

The purpose of this lesson is for students to practice adding fractions with unlike denominators.

In previous units, students learned how to add and subtract fractions with unlike denominators. In this lesson, students play games in which they must apply their previous understanding of addition of fractions.

### Access for:

#### Students with Disabilities

- Engagement (Activity 1)

#### English Learners

- MLR8 (Activity 1)

## Instructional Routines

Number Talk (Warm-up)

### Materials to Gather

- Paper clips: Activity 1
- Paper clips: Activity 2

## Lesson Timeline

|                  |        |
|------------------|--------|
| Warm-up          | 10 min |
| Activity 1       | 15 min |
| Activity 2       | 20 min |
| Lesson Synthesis | 10 min |

## Teacher Reflection Question

Which strategy did students use today that you anticipated? Which did you not anticipate?

Cool-down

5 min

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

Reflect on Fraction Addition

**Standards Alignments**

Addressing 5.NF.A.1

**Student-facing Task Statement**

What is important to remember when adding fractions with unlike denominators?

**Student Responses**

Sample response: I need to find a common denominator and then I can add the numerators. One way to find a common denominator that always works is to take the product of the two denominators.