Lesson 10: One of the Pieces, All of the Pieces

Standards Alignments

Addressing   1.G.A.3

Teacher-facing Learning Goals

- Describe the whole as two of the halves or four of the fourths.
- Partition circles and rectangles into halves and fourths and describe one piece as "a half of", "a fourth of" or "a quarter of" the whole shape.

Student-facing Learning Goals

- Let's describe equal pieces of shapes.

Lesson Purpose

The purpose of this lesson is for students to partition circles and rectangles into halves and fourths, and use precise language to describe the pieces as a half of or a fourth of the whole shape.

In previous lessons, students partitioned circles and rectangles into two and four equal pieces. They learned the terms halves and fourths to describe how the shapes were partitioned. In this lesson, students describe one piece as a half of, a fourth of, or a quarter of a whole shape. Students also learn that they can describe the whole shape as "two of the halves" or "four of the fourths."

Access for:

♿ Students with Disabilities

- Representation (Activity 3)

🌐 English Learners

- MLR2 (Activity 2)

Instructional Routines

Which One Doesn't Belong? (Warm-up)

Materials to Gather

- Colored pencils or crayons: Activity 1

Materials to Copy

- Shaded Parts Cards (groups of 1): Activity 2

Lesson Timeline

Warm-up	10 min

Teacher Reflection Question

What part of the lesson went really well today in

Activity 1	10 min
Activity 2	15 min
Activity 3	10 min
Lesson Synthesis	10 min
Cool-down	5 min

terms of students' learning? What did you do that made that part go well?

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

Split the Rectangle

Standards Alignments

Addressing   1.G.A.3

Student-facing Task Statement

1. Split the rectangle into fourths.

2. Color in 1 piece.
3. Circle all of the ways to describe the piece you colored.

| a fourth of the rectangle | a half of the rectangle | a quarter of the rectangle | the whole rectangle |

Student Responses

1. Answers vary.
2. Answers vary.

3. a fourth, a quarter