

Lesson 8: Sort and Count Shape Cards

Standards Alignments

Building On	K.CC.B.4
Addressing	1.MD.C.4
Building Towards	1.MD.C.4

Teacher-facing Learning Goals

- Represent how many shapes are in each category.
- Sort shapes into three categories.

Student-facing Learning Goals

- Let's sort shapes and show how many.

Lesson Purpose

The purpose of this lesson is for students to sort shapes and create a representation that shows the number of shapes in each category.

In a previous lesson, students made sense of how objects were sorted. Students made oral statements about how many objects were in each category. In this lesson, students sort shapes into three categories. They name and describe their categories, including how many shapes are in each category. Students then create a visual representation of the number of shapes in each category in a way that makes sense to them. Students discuss that in order to make sure their representation can be understood by others, they need to label the categories and represent objects in an organized way (MP6).

Access for:

Students with Disabilities

- Action and Expression (Activity 2)

English Learners

- MLR8 (Activity 2)

Instructional Routines

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

Materials to Gather

- Colored pencils or crayons: Activity 2
- Materials from a previous activity: Activity 1,

Materials to Copy

- Shape Cards (groups of 2): Activity 1

Activity 2, Activity 3

Lesson Timeline

Warm-up	10 min
Activity 1	10 min
Activity 2	15 min
Activity 3	15 min
Lesson Synthesis	10 min

Teacher Reflection Question

After the gallery walk and the discussion about what makes a representation easy to interpret, what representations do you anticipate students making for data they collect in the next lesson? Why do you think they will choose these representations?

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

 0 min

Unit 1, Section B Checkpoint

Standards Alignments

Addressing 1.MD.C.4

Student-facing Task Statement

Lesson observations

Student Responses

- Sort objects into categories.
- Represent each object with a picture of the object, symbol, or number.
- Label the categories in their representation.