

Lesson 1: Identify and Sort Shapes

Standards Alignments

Building On	1.G.A.1
Addressing	2.G.A.1
Building Towards	2.G.A.1

Teacher-facing Learning Goals

- Recognize triangles, quadrilaterals, pentagons, and hexagons based on the number of sides and vertices (corners).

Student-facing Learning Goals

- Let's sort and name shapes based on their sides and corners.

Lesson Purpose

The purpose of this lesson is for students to recognize and name shapes based on the number of sides and vertices (corners). Students name triangles, quadrilaterals, pentagons, and hexagons.

In previous grades, students identified, described, and compared two-dimensional and three-dimensional shapes. Students learned that shapes have defining attributes and drew shapes that possessed these attributes.

In this lesson, students learn that they can identify a shape by the number of sides and corners it has. Students sort shapes into examples and non-examples of triangles, quadrilaterals, pentagons, and hexagons. They define triangle, **quadrilateral**, **pentagon**, and **hexagon** based on the number of sides and corners and use these terms to name shapes. Throughout the lesson, students have opportunities to think about how to clearly describe the attributes of shapes to others and consider the precision of their language (MP6). It is not necessary for students to use the term vertices, so they are referred to as "corners" in this unit.

Access for:

Students with Disabilities

- Representation (Activity 2)

Instructional Routines

Card Sort (Activity 1), MLR2 Collect and Display (Activity 1), Notice and Wonder (Warm-up)

Materials to Gather

- Materials from a previous activity: Activity 2, Activity 3

Lesson Timeline

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

Materials to Copy

- Shape Cards Grade 2 (groups of 2): Activity 1

Teacher Reflection Question

In grade 1, students learned to distinguish between attributes that define a shape and those that do not. How does this understanding help students classify shapes as quadrilaterals, pentagons, and hexagons?

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

 5 min

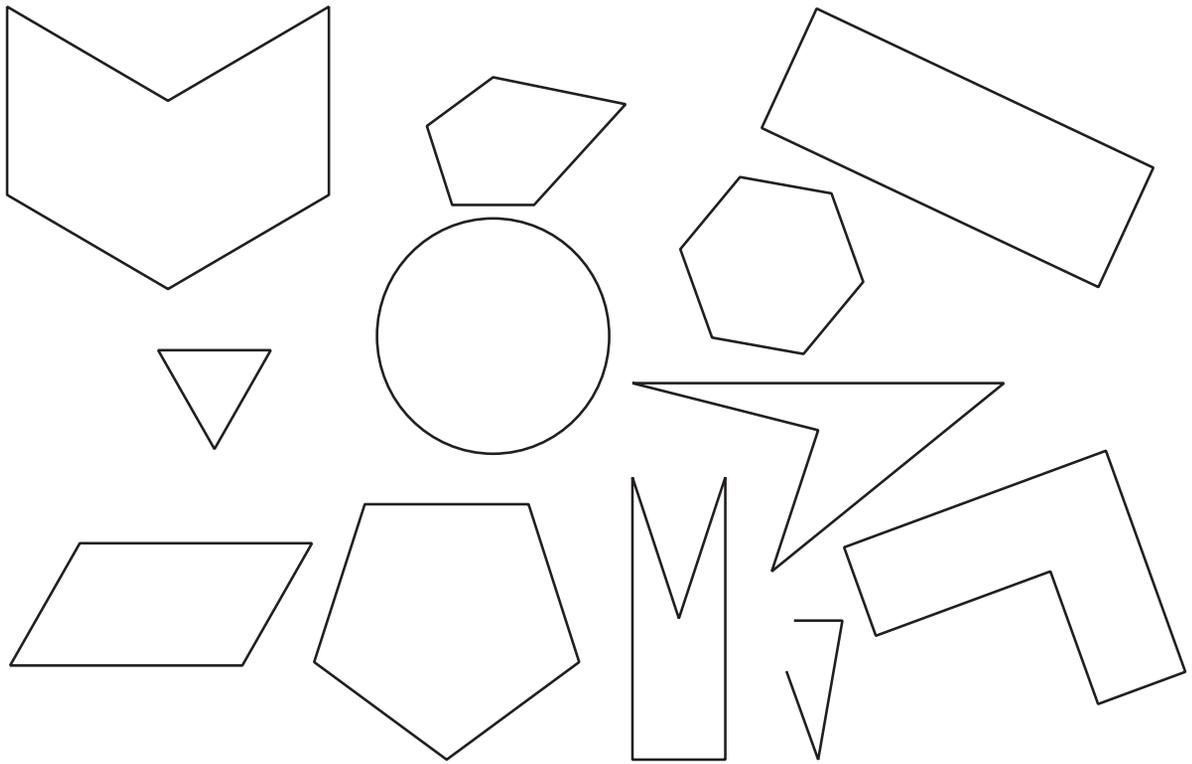
Find the Shapes

Standards Alignments

Addressing 2.G.A.1

Student-facing Task Statement

- Put an x inside all the pentagons.
- Put an o inside all the hexagons.



Student Responses

