

Guided Math: Unit 6, Lesson 5

Essential Question

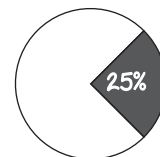
Shapes have many properties that make them different from one another. How can knowing your shapes help you make new ones?

Lesson Objective

Classify and sort quadrilaterals according to the number of sides and vertices.

Quadrilaterals

Today, we explore 2-dimensional shapes and sort them as quadrilaterals and not quadrilaterals. Then we can further determine their similar attributes. Begin with placing the Shape Sorting cards on the pocket chart and explaining that some shapes are called quadrilaterals. Review the Polygon Poster. Introduce the Quadrilateral Poster. Then place the Quadrilateral Chart Title cards up on the pocket chart. Review the rules and determine if the shapes meet the criteria. As a class, decide if each of these shapes is a quadrilateral or not. Discuss why or why not for each shape.



Lesson Discussion Questions

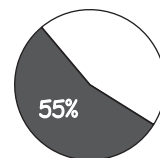
We know shape names, but sometimes shapes can also be grouped by similar attributes. Today we are going to learn the quadrilateral group. (As you review what makes a quadrilateral, draw attention to examples and nonexamples.)

Materials

- Polygon Poster (lesson 4)
- Quadrilateral Poster
- Quadrilateral Chart Title cards
- Shape Sorting cards (lesson 4)
- Quadrilateral T-Chart blackline master
- Dry-erase markers

Small-Group Lesson

Depending on the needs of your group, review the cards from whole group and reclassify the shapes by quadrilateral or not quadrilateral. When comfortable, complete the Quadrilateral T-Chart blackline master.



Remediate

Work through each card together having students explain why a shape is or is not a quadrilateral, then complete the blackline master.

On Level

Monitor, discuss, and assist as needed.

Enrich

Monitor, discuss and assist. After completing the blackline master, allow students to make their own shapes using dry-erase marker on the table and have a partner tell if it is a quadrilateral or not and why.

Quadrilateral T-Chart

Sort the shapes.

Quadrilateral

Not a Quadrilateral

