

Eureka Math Tips for Parents

Grade 1 • Module 5

Identifying, Composing, and Partitioning Shapes

In this module, students will revisit their kindergarten work with geometric shapes. They will sort, analyze, compare, and create two and three-dimensional shapes, and put them together to create new shapes. They will also, as in their work with number bonds and addition and subtraction, examine the part-whole relationship through this new geometric lens.

Grade Level Standards

1.G.1, 1.G.2, 1.G.3, 1.MD.3

Student Report Card

Reasons with shapes and their characteristics.

Key Vocabulary

- Attributes: characteristics of an object such as color or number of sides.
- Fourths: 1 out of 4 equal parts
- Halves: 1 out of 2 equal parts
- Half past: expression for 30 past a minutes given hour
- Half-hour: interval of time lasting 30 minutes
- Minute: unit for measuring time, equivalent to 60 seconds, 1/60 hour and hour
- O'clock: used to indicate time to a precise hour, with no additional minutes
- Quarter: 1 out of 4 equal parts
- Hexagon: flat figure enclosed by six straight sides
- Rectangle: flat figure enclosed by four straight sides and four right angles
- Rhombus: flat figure enclosed by four straight sides of the same length where two pairs of opposite sides are parallel.
- Square: rectangle with four sides of the same length
- Triangle: flat figure enclosed by three straight sides

How you can help at home:



- Go on a shape hunt outside, ask your student to name the shapes of doors, windows, bicycle wheels, etc.
- Ask your student to identify the shapes of various road signs while traveling in the car.
- Talk with your student about the various shapes of items packaged in the grocery store.
- Build with blocks. Discuss what shapes were used to create the structure.

Models and Representations

Students identify the defining parts, or attributes, of two and three dimensional shapes.





Closed Shape

Open Shape



Students recognize 3-dimensional shapes and use them to build new structures. For example, they will take a cone and a cylinder and build a new structure with the two shapes.



Students relate geometric figures to equal parts and name the parts as halves and fourths (or quarters.)



Students apply their understanding of halves to tell time to the hour and half hour. Students will construct simple clocks and begin to understand the hour hand, then the minute hand, then both together. Students read both digital and analog clocks to tell time.

