



Dear First Grade Families,

In Unit 11, students will work on the following first grade Common Core standard in the Geometry (G) domain.

1.G.1	Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size);
1.G.2	Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.

Unit 11 Concepts:

- Distinguish between defining attributes and non-defining attributes
- Build and draw shapes with defining attributes
- Compose two- and three-dimensional shapes
- Create a composite shape

Unit 11 Vocabulary:

- Defining attributes
- Non-defining attributes
- Closed/open figures
- Compose
- Sides
- Vertex (vertices)
- Two- and three-dimensional shapes

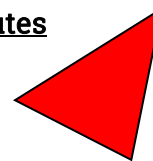
Cut out the shapes included with this letter. Use the shapes to compose larger shapes.

Ask questions like these to help your child become a productive mathematical thinker:

- How many sides does a hexagon have?
- How many vertices does a triangle have?
- Can you make a larger triangle out of smaller triangles?
- How many shapes can you make with four squares?
- What shape can be made with two trapezoids?
- What shape can be made with four quarter circles?

Defining attributes

- 3 sides
- 3 vertices
- closed



Non-Defining attributes

- color
- size
- orientation (placement on the page)

Need a review? Check out our lesson videos on-line!

swunmath.com/student-videos

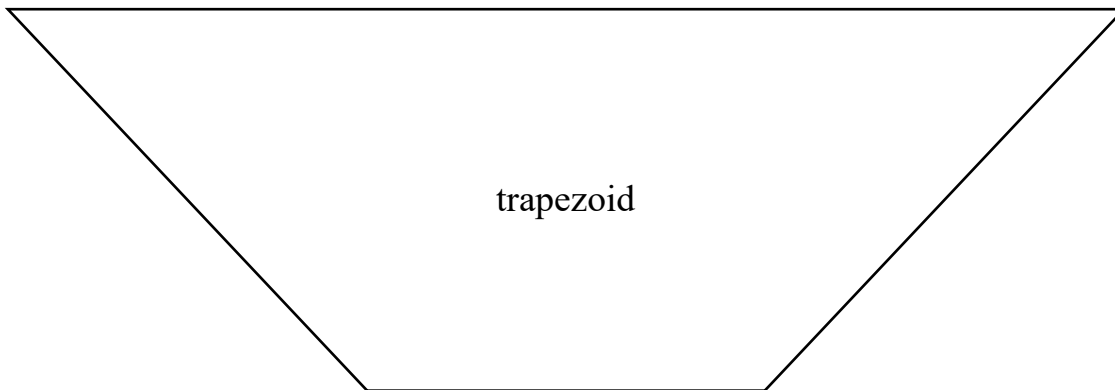
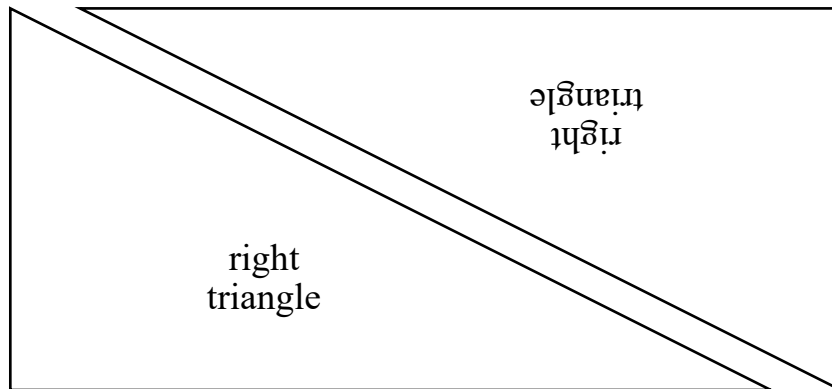
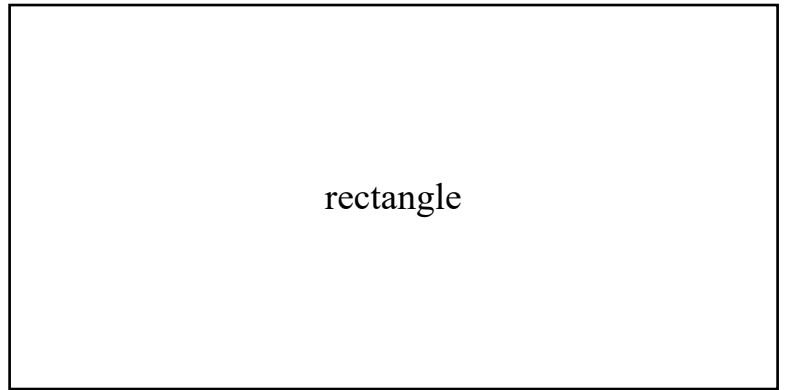
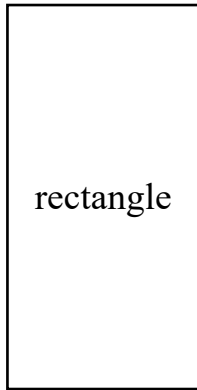
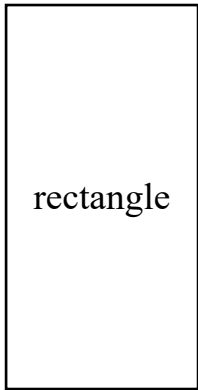
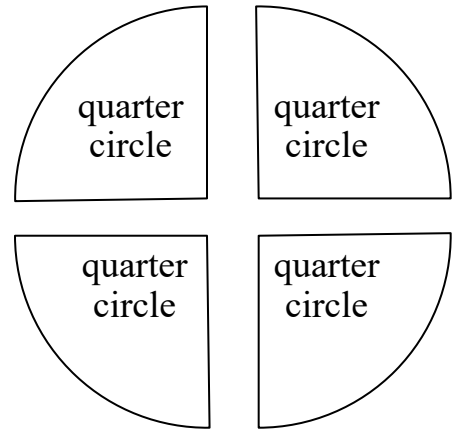
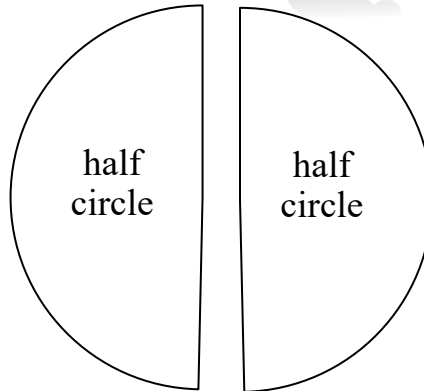
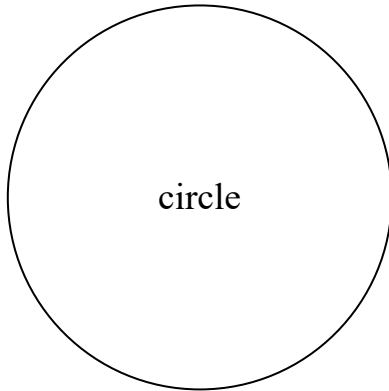
If you don't know the class's special name, ask your child's teacher.

We encourage you to talk with your child daily about what was learned in math class.

Thank you for your support!

Grade 1 – Unit 11

Geometry



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