

# Math Connections for Parents

Grade 1 Module 5  
Identifying, Composing, and Partitioning Shapes

Welcome to Module 5 of First Grade Math. In this module, students will look at two and three-dimensional shapes. Students will use more than one shape to make a new or composite shape. Also, when looking at shapes, students will begin to look at parts of shapes, such as dividing the shape into halves and fourths. Finally, students will use their understanding of halves to tell time to the hour and half hour.

## Important Words and Concepts

- Attributes: characteristics of an object such as color or number or sides
- Fourth, Quarter: 1 out of 4 equal parts
- Half: 1 out of 2 equal parts
- Half past: 30 minutes past an hour
- Half-hour: interval of time, 30 minutes
- Hour: unit for measuring time, 60 minutes
- Minute: unit for measuring time, 60 seconds
- O'clock: used to tell a precise hour with no additional minutes (7 o'clock = 7:00)

## **Sums and Differences to 10**

Students continue to work on mastering the addition and subtraction facts 0-10. Students who are ready may begin to work on facts 10-20. In the next module, students will be adding within 100.

## KEY STANDARDS

- Tell and write time in hours and half hours using analog and digital clocks. Recognize coins, their names and their values.
- Describe shapes by size, color and number of sides.
- Make new two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles and quarter-circles).
- Make new three-dimensional shapes (cubes, prisms, cones, and cylinders)
- Divide circles and rectangles into two and four equal pieces.

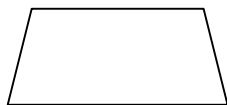
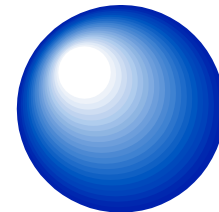
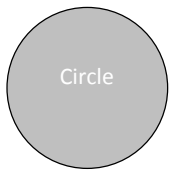
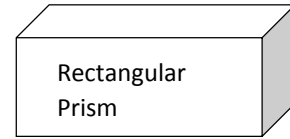
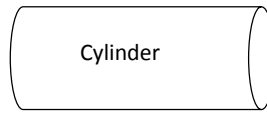
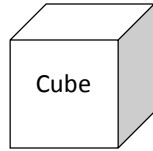
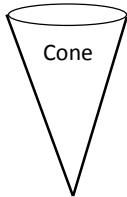
# Math Connections for Parents

Grade 1 Module 5

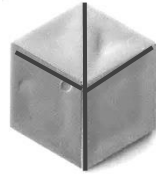
Identifying, Composing, and Partitioning Shapes

Graphics and Strategies you may see...

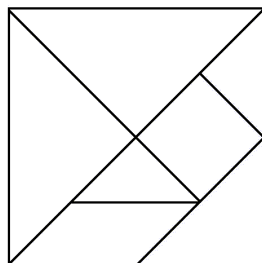
## Shapes that will be used



Students will use **attribute blocks** to show how a hexagon could be divided in different ways.



This is a **Tangram**, which is made up of 7 separate shapes. Students use these shapes to make new shapes.



NEWARK CITY SCHOOLS

*"Committed to Excellence. One Student at a Time."*

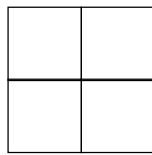
For more resources, please visit [www.newarkcityschools.org](http://www.newarkcityschools.org) → Parent Math Academy K-5

# Math Connections for Parents

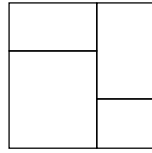
Grade 1 Module 5

Identifying, Composing, and Partitioning Shapes

When students begin to divide shapes, make sure the parts they make are equal!



Equal parts



Non-equal parts

Students will use an **Analog Clock** to tell time to the hour and half-hour. Telling time to the nearest 5 minutes will be developed in second grade.

