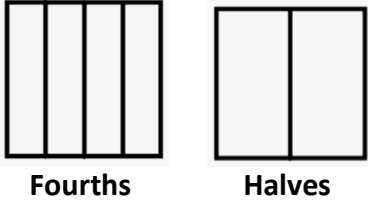

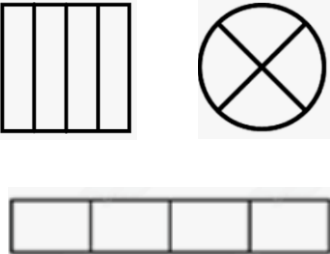
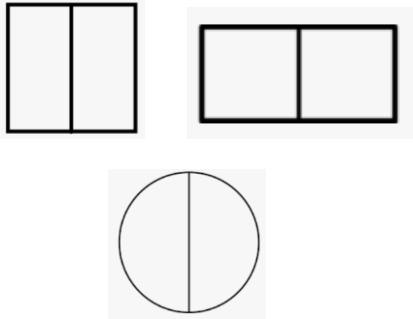


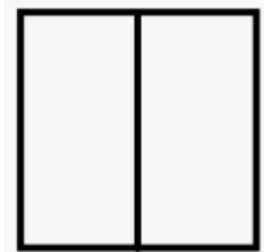
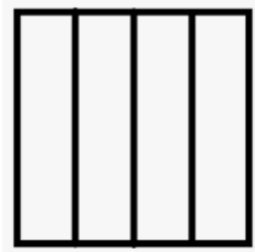
Partition Shapes into Halves and Fourths Parent Unit Summary

| <p style="text-align: center;">Overarching Student Learning Goals</p> <p style="text-align: center;">In this unit, your child will work to build an understanding of the following:</p> | <p style="text-align: center;">Resources/Tasks to support your child at home.</p> |
|---|---|
| <p>Partitioning shapes into halves and fourths in different ways. <i>Children partition circles, rectangles and squares into 2 or 4 parts, with the understanding they need to be equal parts.</i></p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Equal Parts</p>  <p>Fourths Halves</p> </div> <div style="text-align: center;"> <p>Not Equal Parts</p>  </div> </div> | <ul style="list-style-type: none"> • Have your child cut cookies or brownies into 2 or 4 equal parts in different ways. Have them describe how they cut their food into halves or fourths. • The Math Learning Center: Geoboards |
| <p>Describing a whole by talking about its parts using words like halves, fourths, and quarters. <i>Children partition circles, rectangles and squares into 2 or 4 parts, then describe them using the words halves, fourths and quarters.</i></p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Fourths/Quarters</p>  </div> <div style="text-align: center;"> <p>Halves</p>  </div> </div> | <ul style="list-style-type: none"> • Have your child cut cookies or brownies into 2 or 4 equal parts in different ways. Have them describe how they cut their food into halves or fourths. • Encourage your child to cut a brownie or cookie into fourths or halves in more than one way. |

Recognize when partitioning a whole into more equal parts, the parts get smaller.

Children identify patterns when partitioning shapes into fourths and halves. They identify when breaking the same shape into halves, the pieces will be larger than when breaking that same shape into fourths/quarters.

Example: Tony has two square brownies. He partitions one brownie into halves. He partitions the other brownie into fourths. How will the pieces of brownie compare?



- Give your child two square pieces of paper or a post-it note. Have them fold or cut one piece into halves. Have them fold or cut another piece into fourths. Ask your child to describe how the pieces compare. They should recognize that the halves are larger pieces than the fourths.

- The Math Learning Center: [Pattern Shapes](#)