

# Homework & Practice 15-3

## Understand Halves and Fourths

**Another Look!** These rectangles are the same size.  
 The rectangle with more equal shares has smaller shares.  
 The rectangle with fewer equal shares has larger shares.



  2   equal shares  
 halves  
 larger equal shares

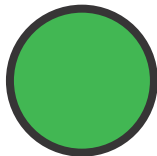
  4   equal shares  
 fourths  
 smaller equal shares

**HOME ACTIVITY** Draw two circles that are the same size. Ask your child to draw lines to divide one circle into halves and one circle into fourths. Then ask your child which circle has more equal shares and which circle has larger equal shares.



Compare the two shapes. Draw lines where you need to. Tell how many equal shares. Then circle **smaller** or **larger** and **more** or **fewer** for each.

1.      quarters



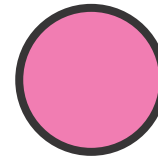
\_\_\_\_\_ equal shares

equal shares:

smaller    larger

more      fewer

halves



\_\_\_\_\_ equal shares

equal shares:

smaller    larger

more      fewer

2. **Reasoning** Ginny and Martha each have a pizza. Their pizzas are the same size.

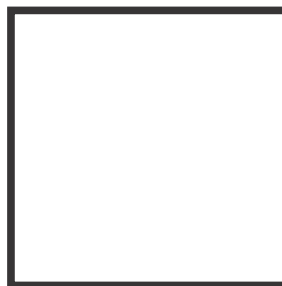
Ginny cuts her pizza into fourths.

Martha cuts her pizza into halves.

Who has more slices? \_\_\_\_\_

Who has larger slices? \_\_\_\_\_

3. **A-Z Vocabulary** Divide this square into **halves**. Then shade one half of the square.



4. **Higher Order Thinking** Lucas divides a circle into 2 equal shares. Then he divides each share in half. How many equal shares are there now? What are they called? Use words and pictures to explain.

5. **Assessment** Mary is designing a sign. She wants one half of the sign to be red, one fourth of it to be blue, and one quarter of it to be yellow.

Which shows what Mary's sign might look like?



(A)



(B)



(C)



(D)