Share Sort

How many equal parts make one whole?

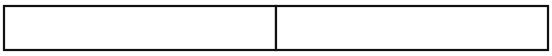
2.G.A.27 "Partition circles and rectangles into two, three, or four equal shares. Describe the shares using such terms as halves, thirds, half of, or a third of, and describe the whole as two halves, three thirds, or four fourths. a..."

NAME _____ DATE _____

HALVES

Each bar is one whole. If a bar has two equal parts, each part is a half.

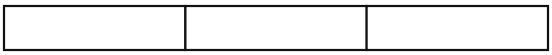
This whole is made of two halves.



THIRDS

If a bar has three equal parts, each part is a third. Count the parts, not just the shaded parts.

This whole is made of three thirds.



1 SORT

8 items

PART 1 SORT: Circle HALVES or THIRDS for each figure; PART 2 PROVE IT: Pick one figure from each group and explain how you knew.

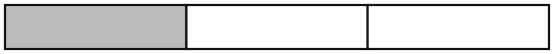
1. 

Figure 1

HALVES THIRDS

2. 

Figure 2

HALVES THIRDS

3. 

Figure 3

HALVES THIRDS

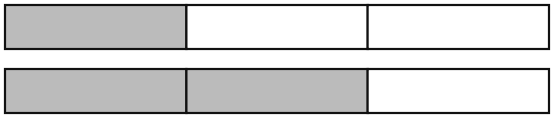
4. 

Figure 4

HALVES THIRDS

5. 

Figure 5

HALVES THIRDS

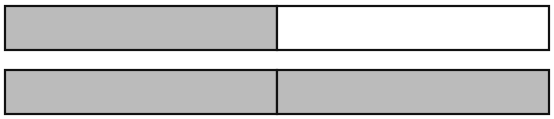
6. 

Figure 6

HALVES THIRDS

7. 

Figure 7

HALVES THIRDS

8. 

Figure 8

HALVES THIRDS

2 PROVE IT

Explain your thinking

Pick one figure from each group and explain how you knew.

ITEM # _____ **HOW I KNEW** _____

ITEM # _____ **HOW I KNEW** _____

3 MAKE YOUR OWN

One of each

PART 3 MAKE YOUR OWN: Write how you could split a rectangle to show HALVES, then write how you could split one to show THIRDS.

HALVES

THIRDS

CHALLENGE

Draw two rectangles that are the same size, and split each into three equal parts in a different way. How do you know both show thirds?

ANSWER KEY # Share Sort

GRADE 2 · 2.G.A.27

PART 1 · SORT

#	ITEM	CATEGORY	WHY
1	Figure 1 (fractionbars)	**THIRDS**	The bar has three equal parts.
2	Figure 2 (fractionbars)	**HALVES**	The bar has two equal parts.
3	Figure 3 (fractionbars)	**THIRDS**	The bar has three equal parts.
4	Figure 4 (fractionbars)	**THIRDS**	Each bar has three equal parts.
5	Figure 5 (fractionbars)	**HALVES**	The bar has two equal parts, even though both are shaded.
6	Figure 6 (fractionbars)	**HALVES**	Each bar has two equal parts.
7	Figure 7 (fractionbars)	**THIRDS**	The bar has three equal parts, even though all are shaded.
8	Figure 8 (fractionbars)	**THIRDS**	Each bar has three equal parts.

PART 2 · PROVE IT

Task: Pick one figure from each group and explain how you knew.
Accept any explanation that names the deciding feature from the rule box for the chosen item.

PART 3 · MAKE YOUR OWN (SAMPLE ANSWERS)

- **HALVES**: Split a tall rectangle into two equal parts with one line across it.
- **THIRDS**: Split a tall rectangle into three equal parts with two lines across it.

Challenge: I drew two lines down one rectangle and two lines across the other. Each rectangle has three equal parts, so both show thirds.

For Part 2, look for an explanation that counts all equal parts in each bar, not only the shaded parts. For the challenge, the two rectangles must be identical, but their thirds may have different shapes.