One Part or More

Sort shaded fraction bars by what they show.

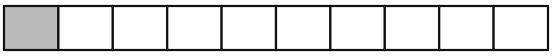
NY-3.G.2 "Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole."

NAME _____ DATE _____

ONE PART

One shaded part out of equal parts is a unit fraction. It names one part of the whole.

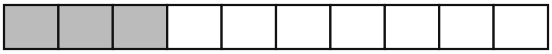
A bar is split into 10 equal parts. One part is shaded, so the shaded part is 1/10.



MORE PARTS

Two or more of the displayed equal pieces are shaded. Count the shown pieces, not the simplified fraction: 2/4 and 4/8 both equal the unit fraction 1/2, but each shows MORE PARTS in this partition.

A bar is split into 10 equal parts. Three parts are shaded, so 3 displayed parts are shaded.



1 SORT

8 items

Circle ONE PART or MORE PARTS for each figure, then pick two figures and explain how you knew.

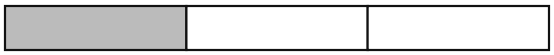
1. 

Figure 1

ONE PART MORE PARTS

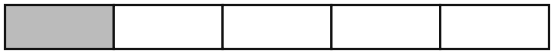
2. 

Figure 2

ONE PART MORE PARTS

3. 

Figure 3

ONE PART MORE PARTS

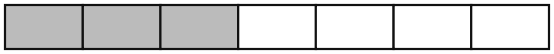
4. 

Figure 4

ONE PART MORE PARTS

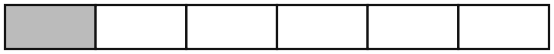
5. 

Figure 5

ONE PART MORE PARTS

6. 

Figure 6

ONE PART **MORE PARTS**

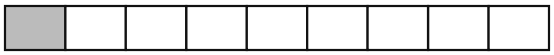
7. 

Figure 7

ONE PART **MORE PARTS**

8. 

Figure 8

ONE PART **MORE PARTS**

2 PROVE IT

Explain your thinking

Pick two items from Part 1. For each one, tell how you knew where it belonged.

ITEM # _____ **HOW I KNEW** _____

ITEM # _____ **HOW I KNEW** _____

3 MAKE YOUR OWN

One of each

Draw one new fraction bar for ONE PART and one new fraction bar for MORE PARTS.

ONE PART

MORE PARTS

CHALLENGE

Draw a rectangle split into 12 equal parts. Shade one part and write the unit fraction.

ANSWER KEY

One Part or More

GRADE 3 · NY-3.G.2

PART 1 · SORT

#	ITEM	CATEGORY	WHY
1	Figure 1 (fractionbars)	**ONE PART**	One of 3 equal parts is shaded.
2	Figure 2 (fractionbars)	**ONE PART**	One of 5 equal parts is shaded.
3	Figure 3 (fractionbars)	**MORE PARTS**	2 equal parts are shaded.
4	Figure 4 (fractionbars)	**MORE PARTS**	3 equal parts are shaded.
5	Figure 5 (fractionbars)	**ONE PART**	One of 6 equal parts is shaded.
6	Figure 6 (fractionbars)	**MORE PARTS**	4 equal parts are shaded.
7	Figure 7 (fractionbars)	**ONE PART**	One of 9 equal parts is shaded.
8	Figure 8 (fractionbars)	**ONE PART**	One of 2 equal parts is shaded.

PART 2 · PROVE IT

Accept any explanation that names the deciding feature from the rule box for the chosen item.

PART 3 · MAKE YOUR OWN (SAMPLE ANSWERS)

- **ONE PART**: A bar divided into 11 equal parts with 1 part shaded.
- **MORE PARTS**: A bar divided into 11 equal parts with 4 parts shaded.

Challenge: A rectangle split into 12 equal parts with 1 part shaded. The unit fraction is 1/12.

For Part 2, accept explanations that name the total equal parts and tell whether exactly one part or more than one part is shaded. In Part 3, students may use any number of equal parts as long as each drawing matches its category. The categories refer to the count of shaded pieces in the displayed partition. Figure 3 has 2/4 shaded and Figure 6 has 4/8 shaded; each shaded area equals 1/2, a unit fraction, while each belongs in MORE PARTS because multiple displayed pieces are shaded.