

Share Size Sort

Tell equal shares from unequal parts.

2.GSR.7.3 "Partition circles and rectangles into two, three, or four equal shares. Identify and describe equal-sized parts of the whole using fractional names ("halves," "thirds," "fourths," "half of," "third of," "quarter of," etc.)."

NAME _____

DATE _____

EQUAL SHARES

Equal shares are parts that are the same size. They can be called halves, thirds, or fourths.

A long paper strip is cut into four matching lengths. Each length is a fourth of the strip.

UNEQUAL SHARES

Unequal shares are parts that are not the same size. They are not equal halves, thirds, or fourths.

A toy box has two spaces. One space is bigger, so the spaces are unequal.

1 SORT

8 items

Circle the tag for each item, then choose two items and explain how the part sizes helped you sort them.

1. A rectangle is split into 2 same-size pieces.

EQUAL

UNEQUAL

2. A circle has 3 sections. One section is larger than the other sections.

EQUAL

UNEQUAL

3. A rectangle has 4 parts, all the same size.

EQUAL

UNEQUAL

4. A circle is split into 2 parts. One part is larger than the other.

EQUAL

UNEQUAL

5. A rectangle is divided into 3 same-size strips.

EQUAL

UNEQUAL

6. A circle is divided into 4 same-size sections.

EQUAL

UNEQUAL

7. A rectangle has 4 parts. Two parts are larger than the other two.

EQUAL

UNEQUAL

8. A circle has 3 parts. One part is smaller than the other two.

EQUAL

UNEQUAL

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

Write one new EQUAL example and one new UNEQUAL example.

EQUAL

UNEQUAL

CHALLENGE

Draw a rectangle split into 4 equal shares. Shade 1 share and write its fractional name.

PART 1 • SORT

#	ITEM	CATEGORY	WHY
1	A rectangle is split into 2 same-size pieces.	EQUAL	The two parts are the same size, so they are equal halves.
2	A circle has 3 sections. One section is larger than the other sections.	UNEQUAL	One section is larger, so the three parts are not equal.
3	A rectangle has 4 parts, all the same size.	EQUAL	All four parts are the same size, so they are equal fourths.
4	A circle is split into 2 parts. One part is larger than the other.	UNEQUAL	The two parts are different sizes.
5	A rectangle is divided into 3 same-size strips.	EQUAL	The three strips are the same size, so they are equal thirds.
6	A circle is divided into 4 same-size sections.	EQUAL	The four sections are the same size, so they are equal fourths.
7	A rectangle has 4 parts. Two parts are larger than the other two.	UNEQUAL	The parts are different sizes.
8	A circle has 3 parts. One part is smaller than the other two.	UNEQUAL	One part is smaller, so the three parts are not equal.

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)

- **EQUAL:** A circle is split into 2 same-size parts.
- **UNEQUAL:** A rectangle is split into 3 parts, and one part is larger than the others.

Challenge: A rectangle divided into 4 equal parts with 1 part shaded, labeled one fourth.

For Part 2, accept explanations that name same-size parts for EQUAL or different-size parts for UNEQUAL. For the challenge, the rectangle must have four equal parts, one shaded part, and the label one fourth or $\frac{1}{4}$.