

Read About Partitioning Shapes Into Equal Shares

WHAT ARE EQUAL SHARES?

You can partition shapes into equal shares. Shares are equal when they are the same size.

To better understand partitioning shapes into equal shares...

LET'S BREAK IT DOWN!

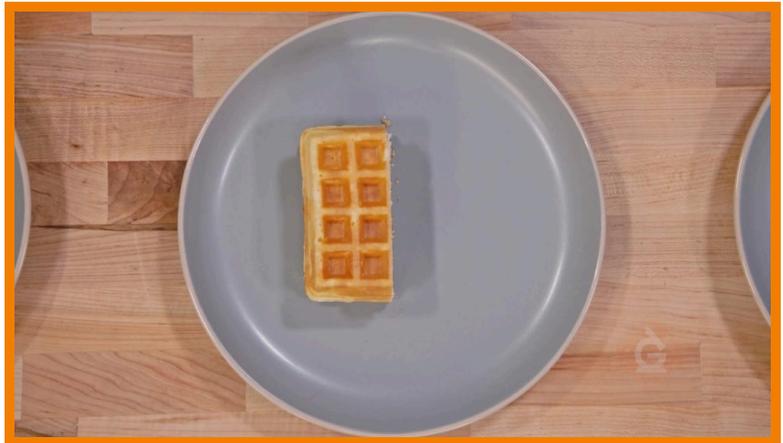
Make 2 equal shares of a circle.

You have a pancake. It's in the shape of a circle. You can share your pancake fairly by cutting it into equal shares. You cut a line straight down the middle. There are 2 pieces. The equal parts are called halves. 2 halves make 1 whole.



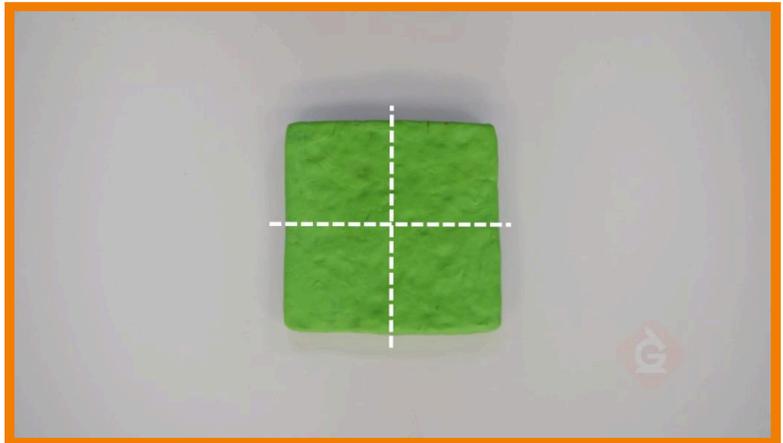
Stack parts to check for equal shares.

You cut a pancake into 2 parts. How can you tell if your pieces are equal shares? Stack one piece on top of the other. They are exactly the same. The 2 pieces are equal shares.



Make 4 equal shares of a rectangle.

You have a waffle. It's in the shape of a rectangle. You can share your waffle fairly by cutting it into equal shares. You cut your rectangle into 4 equal parts. 4 equal parts are called fourths. 4 fourths make 1 whole.



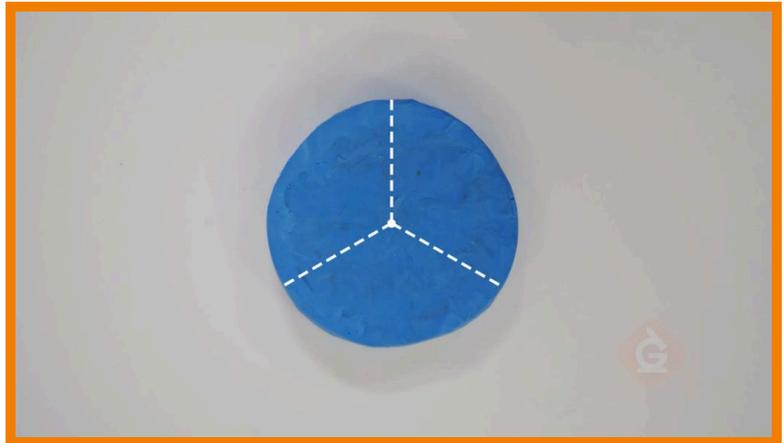
Find if the shares are equal.

You have a sandwich. It's in the shape of a square. You cut your sandwich into 4 parts. Some parts are larger than others. The parts are not equal shares. The parts are not fourths.



Make 3 equal parts of a circle.

You have a quesadilla. It is in the shape of a circle. You can use a string to help you make 3 equal parts. 3 equal parts are called thirds. 3 thirds make 1 whole.



PARTITION SHAPES INTO EQUAL SHARES VOCABULARY

Equal parts

Parts of a whole that are the same size.

Half

One of two equal parts of a whole.

Whole

One entire shape or object.

Fourth

One of four equal parts of a whole.

Third

One of three equal parts of a whole.

Circle

A round shape with no sides or corners.

PARTITION SHAPES INTO EQUAL SHARES DISCUSSION QUESTIONS

How do you split a shape into halves? How many halves make a whole?

You split it into two equal parts. Two halves make a whole.

How do you split a shape into fourths? How many fourths make a whole?

You split it into four equal parts. Four fourths make a whole.

Imagine you split a shape into three equal parts. What are the parts called?

The parts are called thirds.

Is there more than one way to split a square in half? Explain.

Yes. For example, you could split it in half from top to bottom or from side to side.

Imagine you split a rectangle into four parts that are all different sizes. Are the parts fourths?

No. The parts are only fourths when they are the same size.
