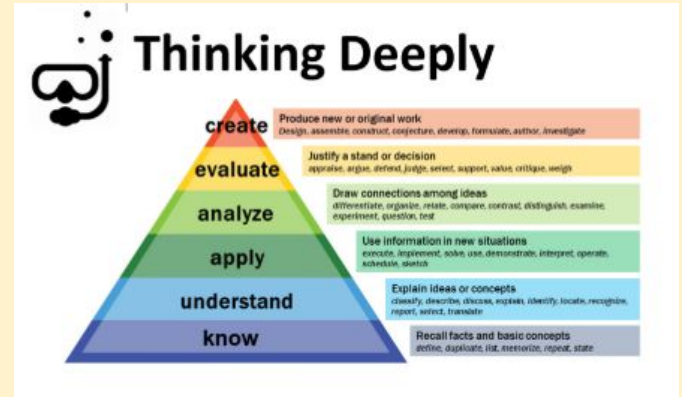


Introduction to Fractions

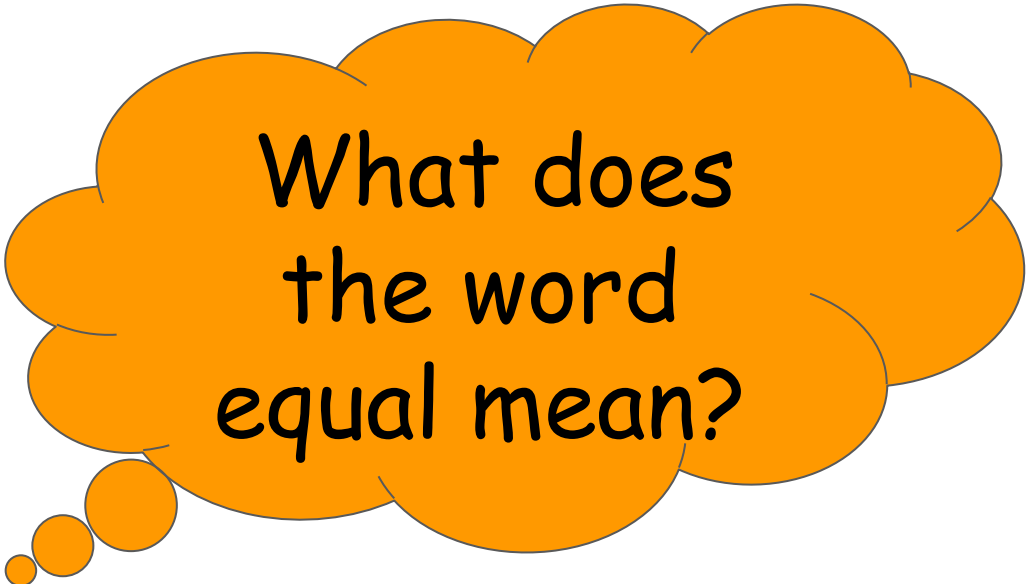


Counting

Practise the 3x table and x6 tables...

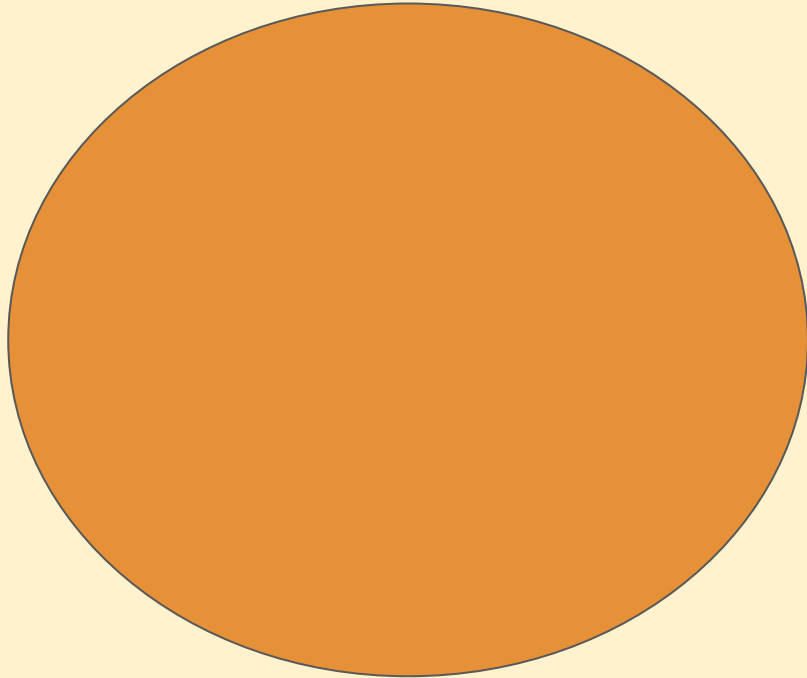
3, 6, ...

6, 12...



What does
the word
equal mean?

These shapes are whole



Are these equal parts?



How many
pieces are
there?

What is the part?
How many parts are
there?

Get a piece of paper and make two rectangles.
Fold one of the rectangles into two equal parts,
and the other into two unequal parts.

Is there more than one way to do this?

Label your rectangles

Unequal parts

Equal parts

Can you put 8 cubes into **equal** groups?
(If you haven't got cubes or counters, try pens,
bits of paper or sweets)

Is there more than one way?

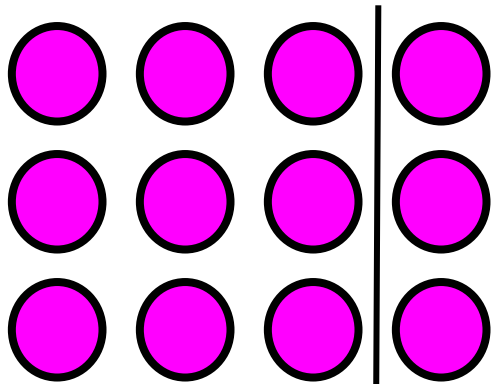
Can you find all the ways?

Can you put 12 cubes into **equal** groups?
(If you haven't got cubes or counters, try pens,
bits of paper or sweets)

Is there more than one way?

Can you find all the ways?

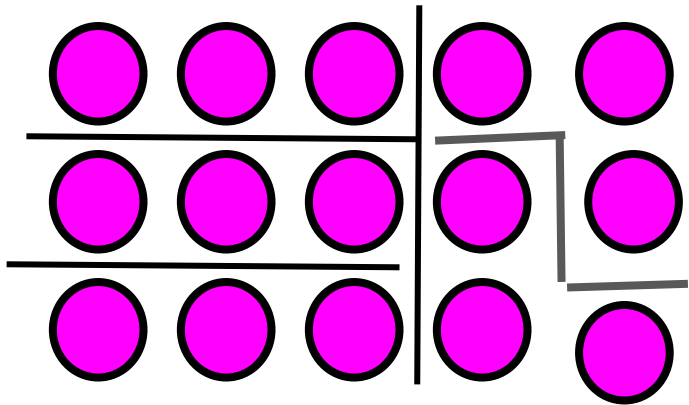
Are these equal parts?



Do all the parts
have to look the
same or have the
same number?

What is
the total?

Are these equal parts?



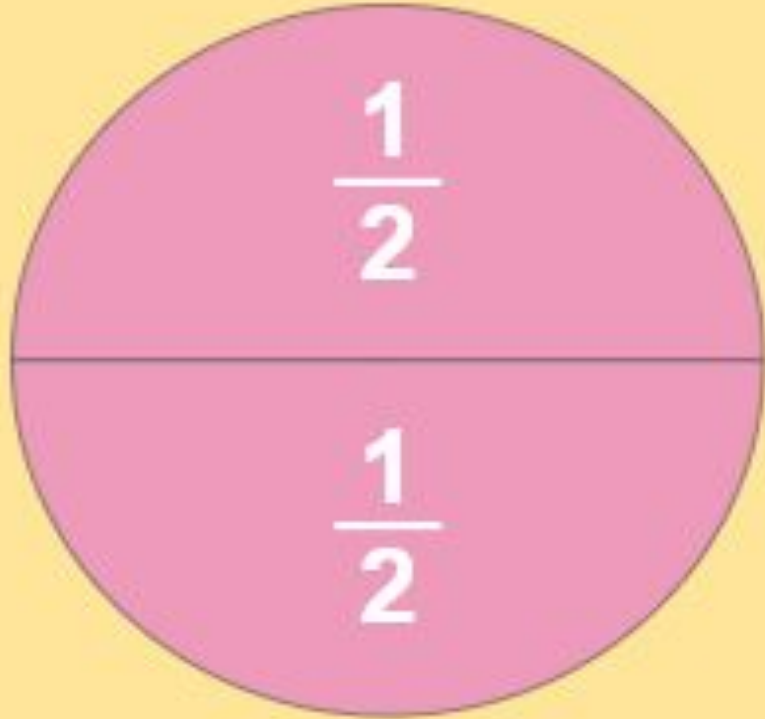
Do all the parts
have to look the
same?

What is
the total?



We call this 1 whole.





Is there another way we can split the circle in half?

We can write half like this.

$$\frac{1}{2}$$



How can we halve this chocolate bar?

$$\frac{1}{2}$$



If this chocolate bar is to be **halved** there needs to be how many **equal** parts?



$$\frac{1}{2}$$

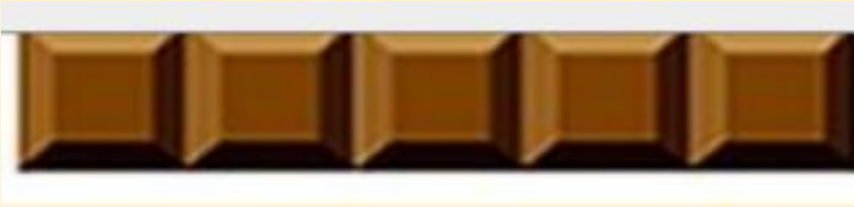
Two equal parts.



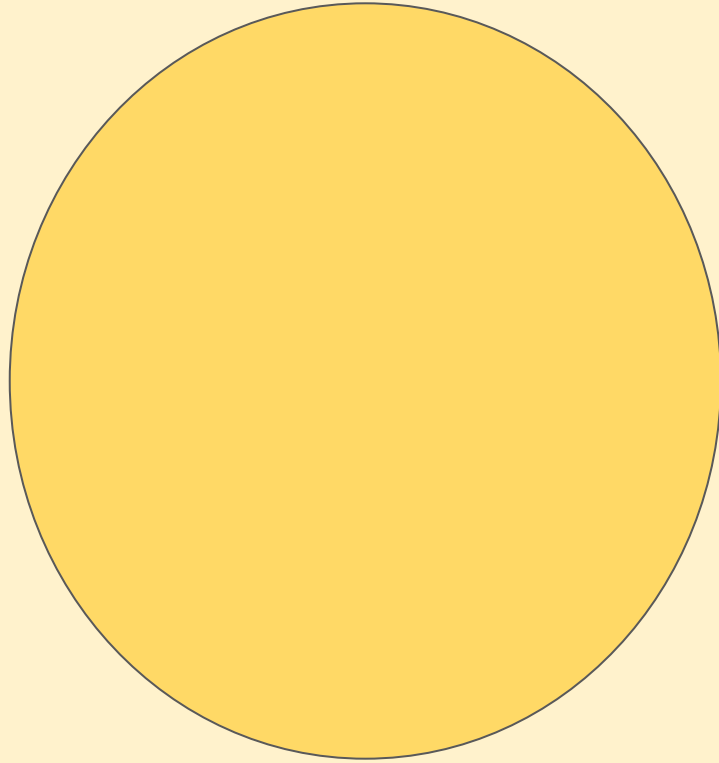
1

2

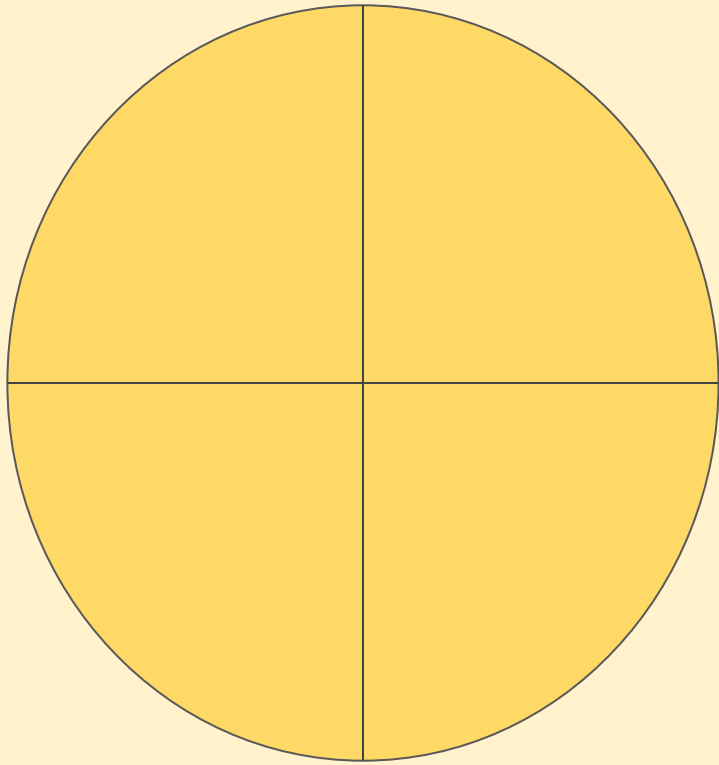
Is there another way of splitting this chocolate bar into half?



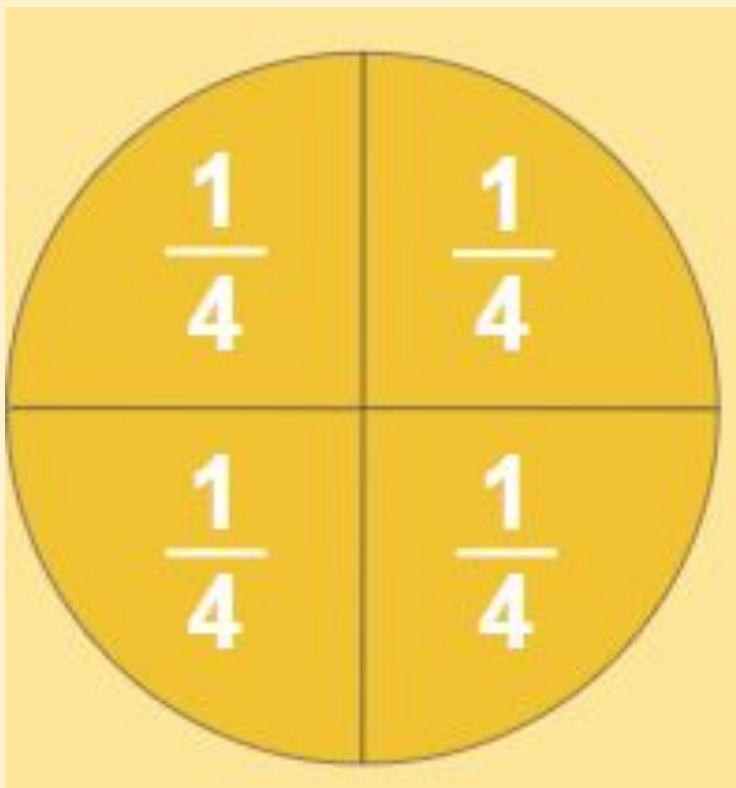
$$\frac{1}{2}$$



How can we split this circle into quarters?



How many parts in the circle?

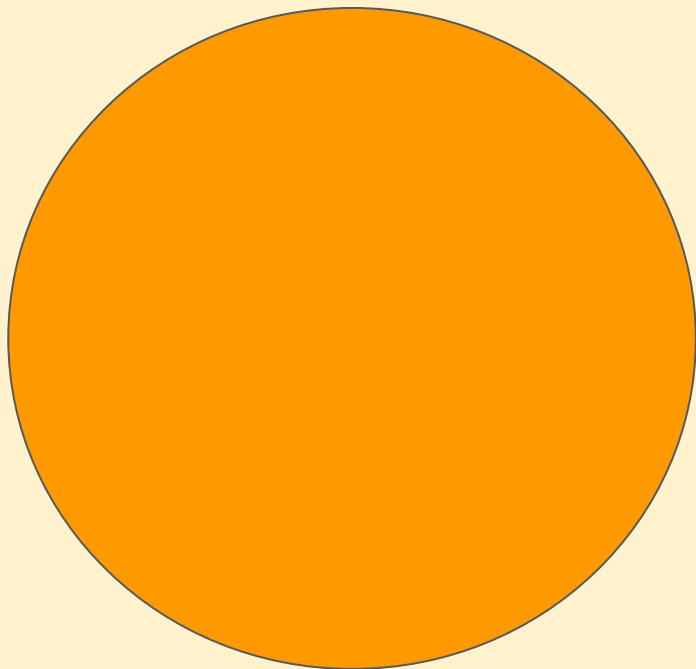


Yes there are 4 parts.

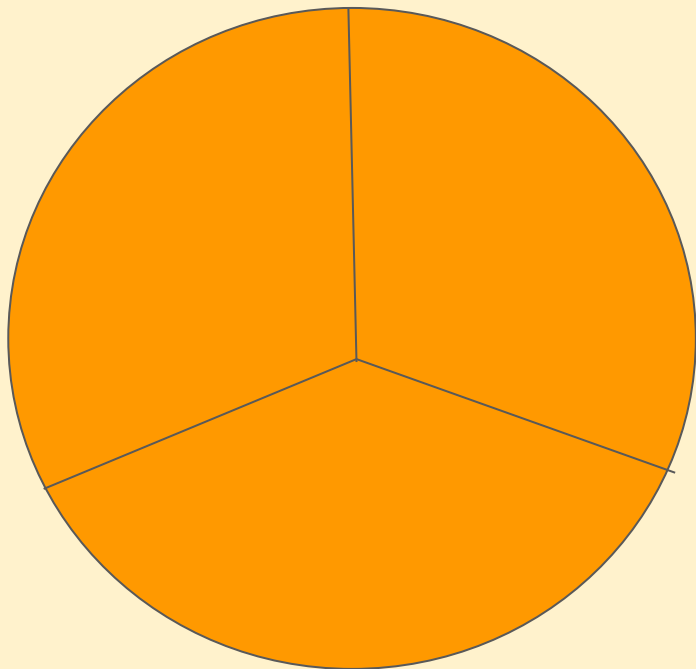
These are called quarters.

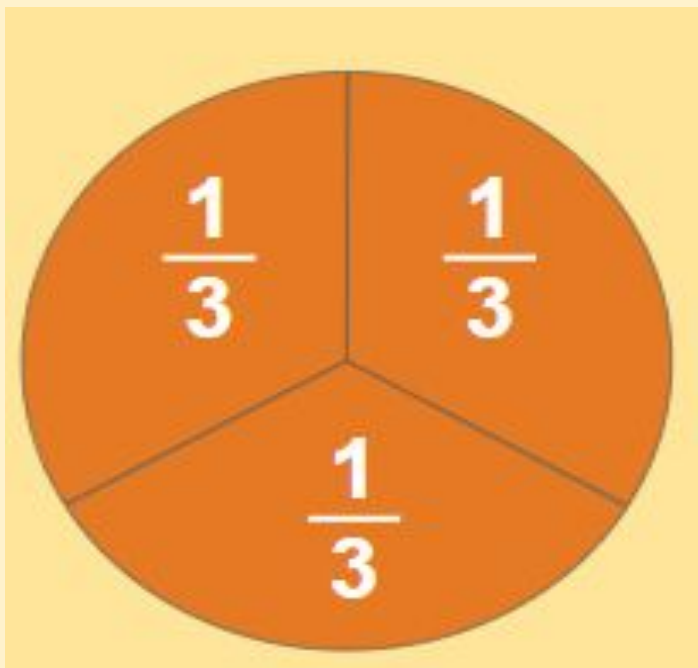
$$\frac{1}{4}$$

How can we split this circle into thirds?



How many parts in this circle?





Yes there are 3 parts.

We call these thirds.

$$\frac{1}{3}$$

Know

Are these equal parts?



1) How many pieces are there?

2) What is one part called?

3) How many parts are there?

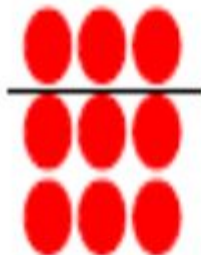
Understanding

Look at the representations, decide which show **equal** parts and which show **unequal** parts?

1.



2.



3.



4.



Apply

Look at our fraction wall.

How many $\frac{1}{4}$, $\frac{1}{3}$ and $\frac{1}{2}$ make 1 whole?

