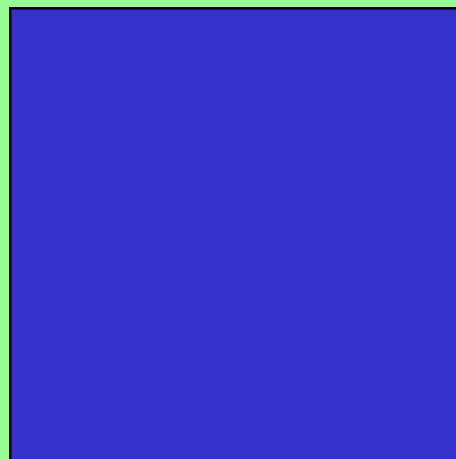
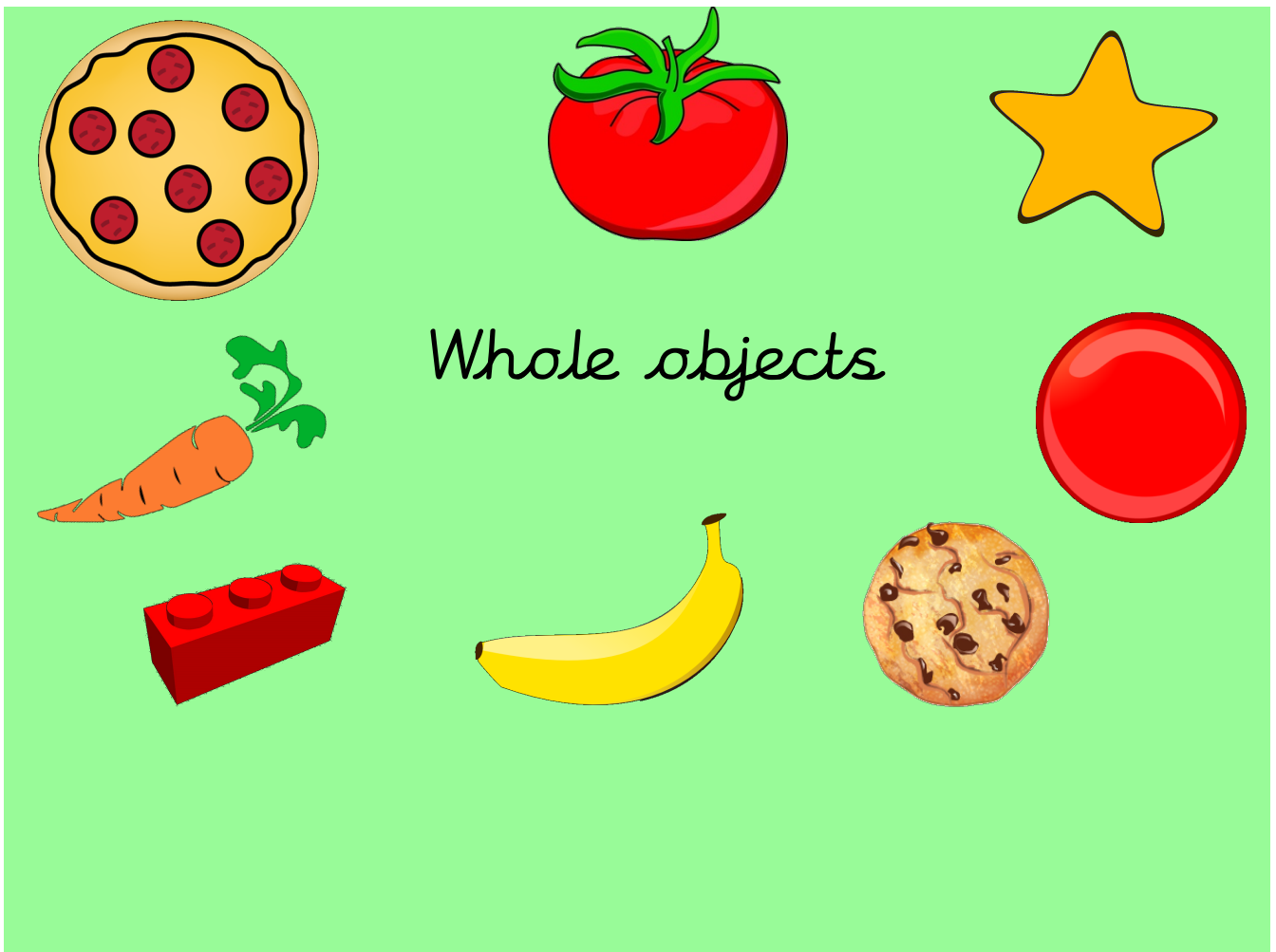


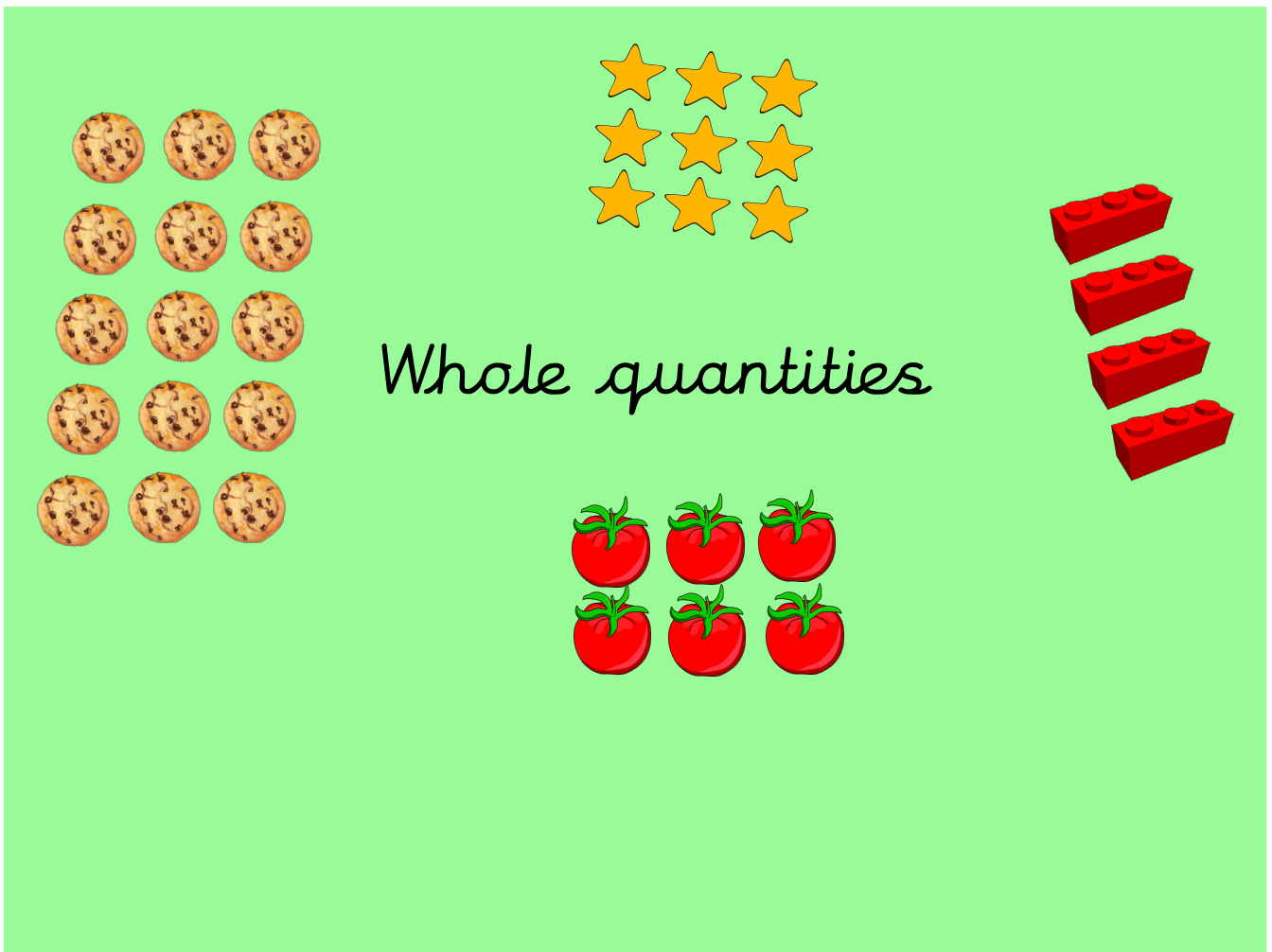
24.1.22

L.O. know what a fraction is

- Here is a whole square
- There are lots of everyday objects which are whole.
- Something which is whole is not split or broken into parts.
- For example, we can have a whole bar of chocolate or a whole cake.





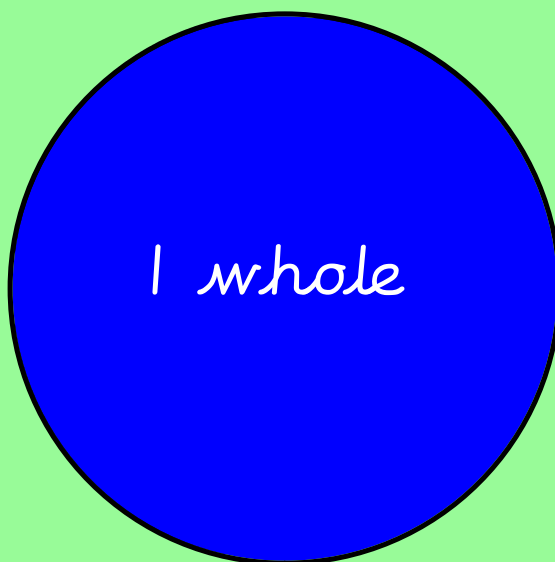


When a whole is split equally into 2 parts we call each part a half.

Each part is a fraction.

We call these parts halves.

It is important that they are equal



Each equal part is worth one half.

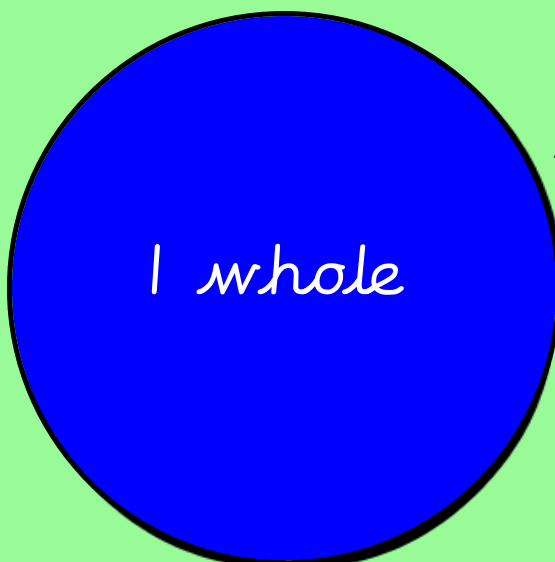
$$\frac{1}{2}$$

When a whole is split equally into 4 parts we call each part a quarter.

Each part is a fraction.

We call these parts quarters.

It is important that they are equal



Each equal part is worth one quarter.

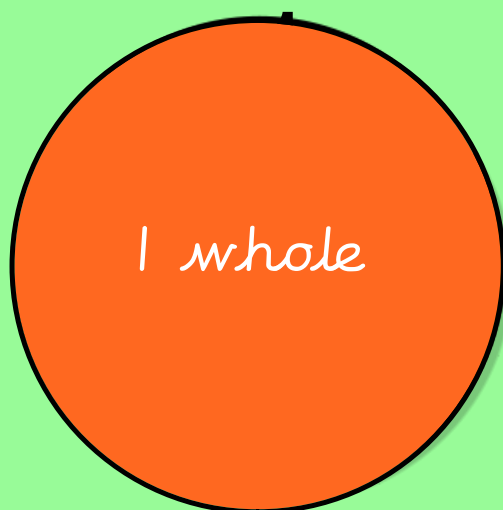
$$\frac{1}{4}$$

When a whole is split equally into 3 parts we call each part a third.

Each part is a fraction.

We call these parts thirds.

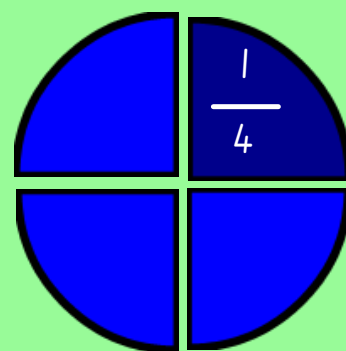
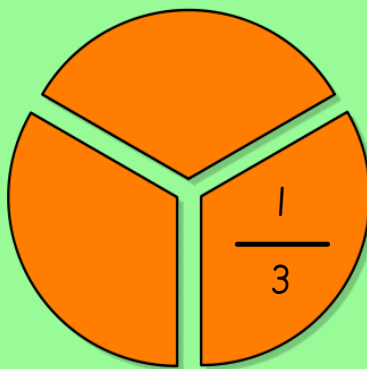
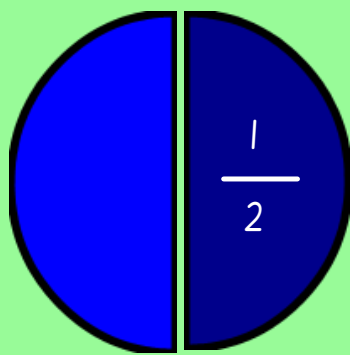
It is important that they are equal



Each equal part is worth one third.

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

A unit fraction is one equal part of a whole.



The denominator (bottom number) represents the number of parts of that a shape or quantity is divided into so the larger the denominator the smaller the fraction.

1 whole

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{4}$

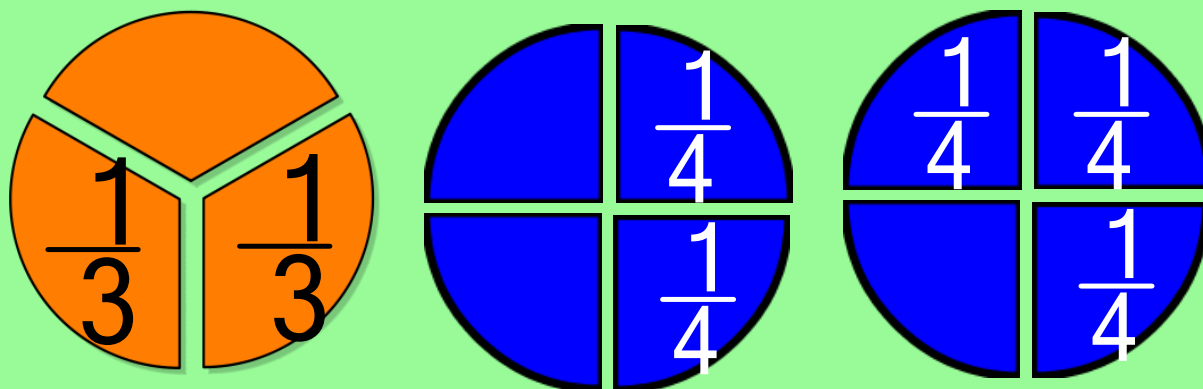
$\frac{1}{4}$

$\frac{1}{4}$

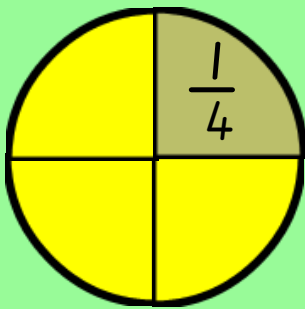
$\frac{1}{4}$

Use $<$ $>$ $=$ to create fraction sentences.

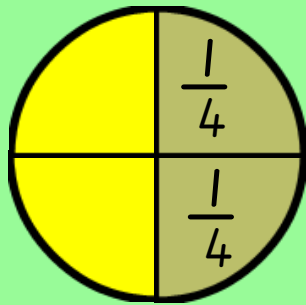
A non-unit fraction is when we have more than one equal part of a whole.



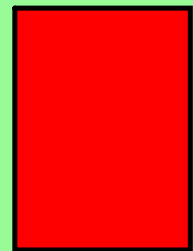
The numerator (top number) tells us how many parts out of the whole we have. The larger the numerator the more parts we have out of the whole .

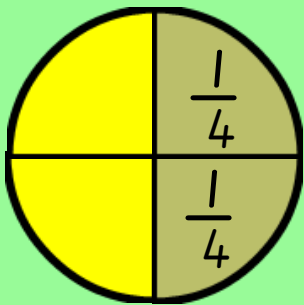


This shows one quarter shaded.

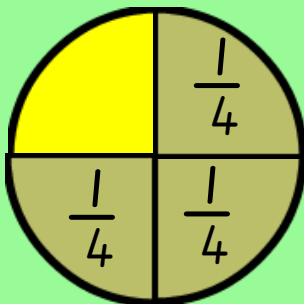


What does this show?

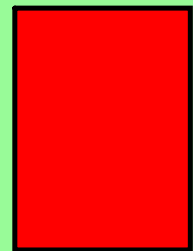


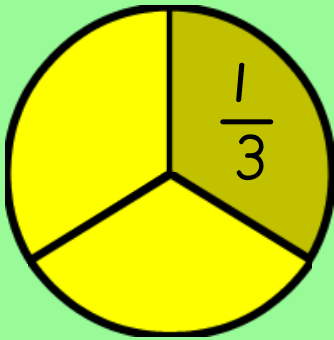


This shows two quarters shaded.

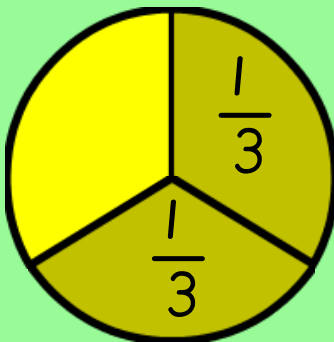


What does this show?

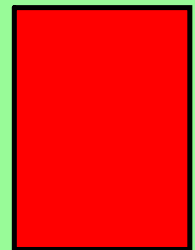




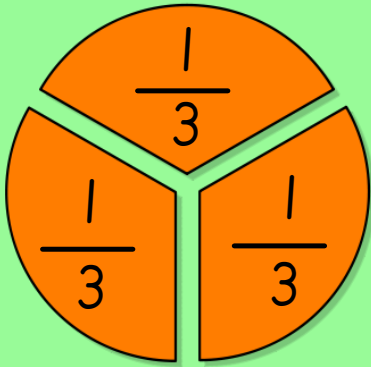
This shows one third shaded.



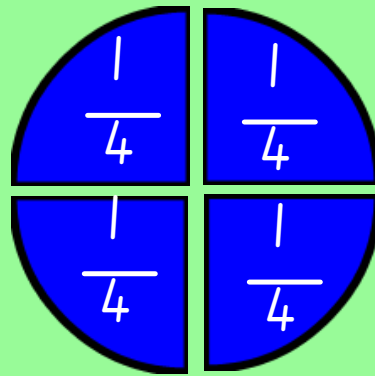
What does this show?



If we count every part of the object, shape or amount we have the WHOLE.



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

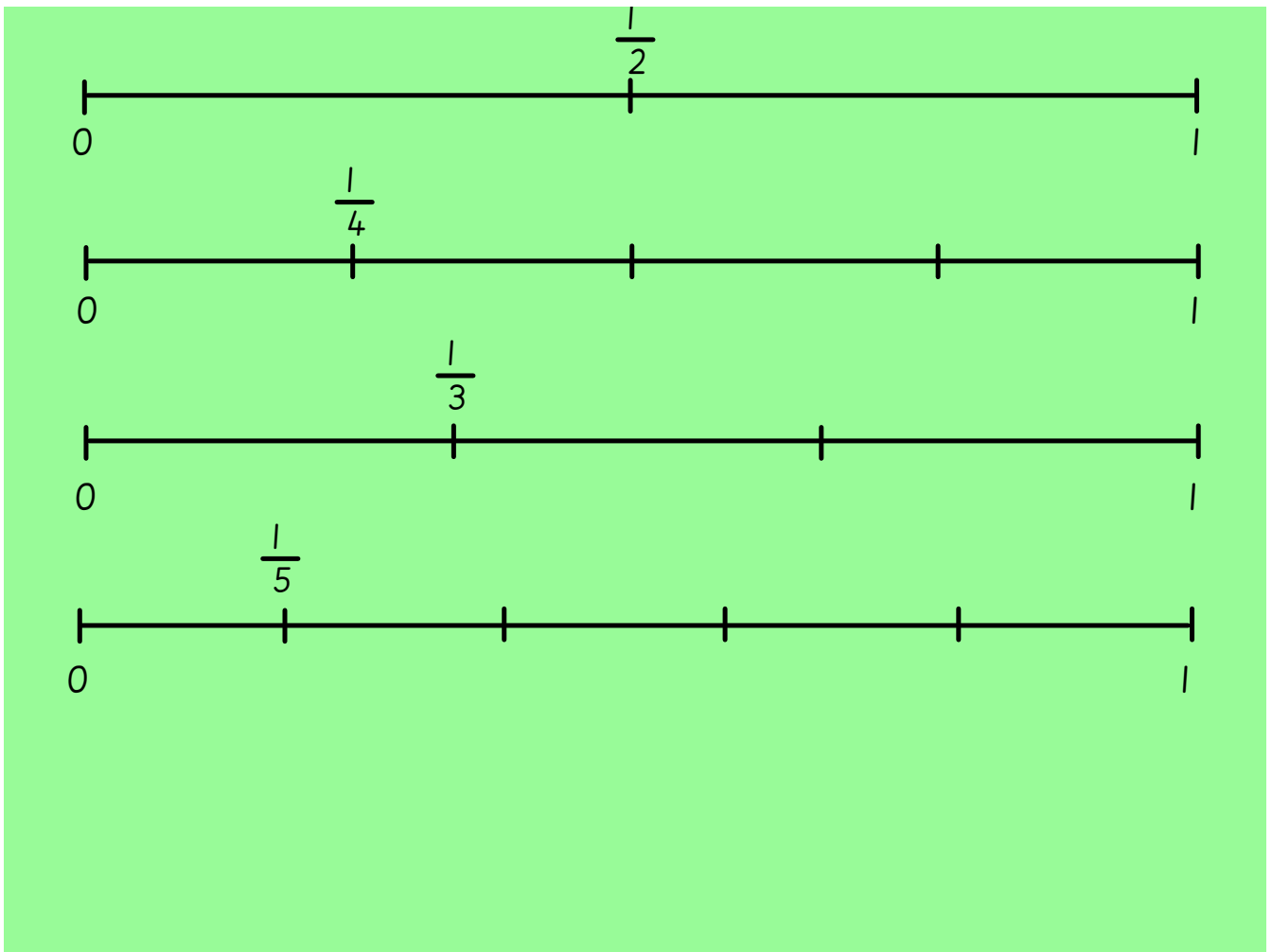


$$\frac{4}{4}$$

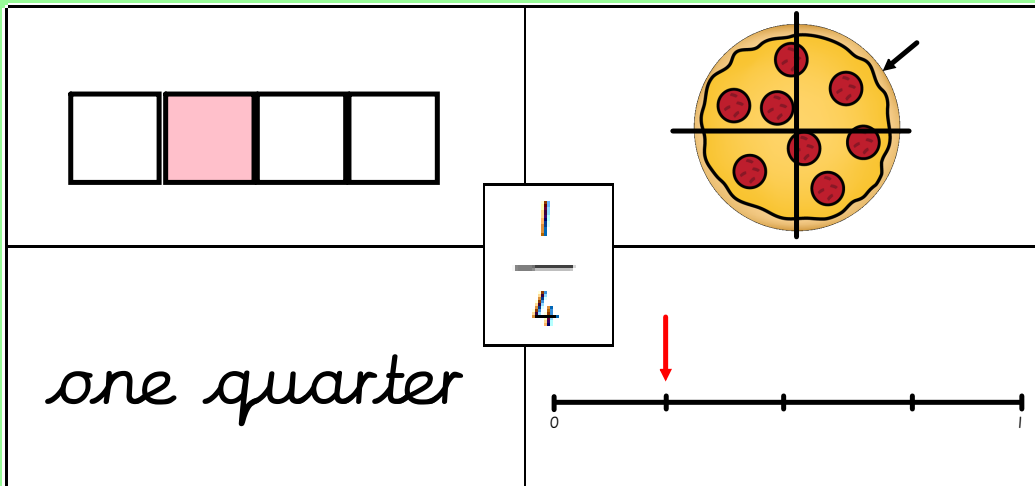
1 whole

$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

*What fraction does this show?
Use < > = to create fraction sentences.*



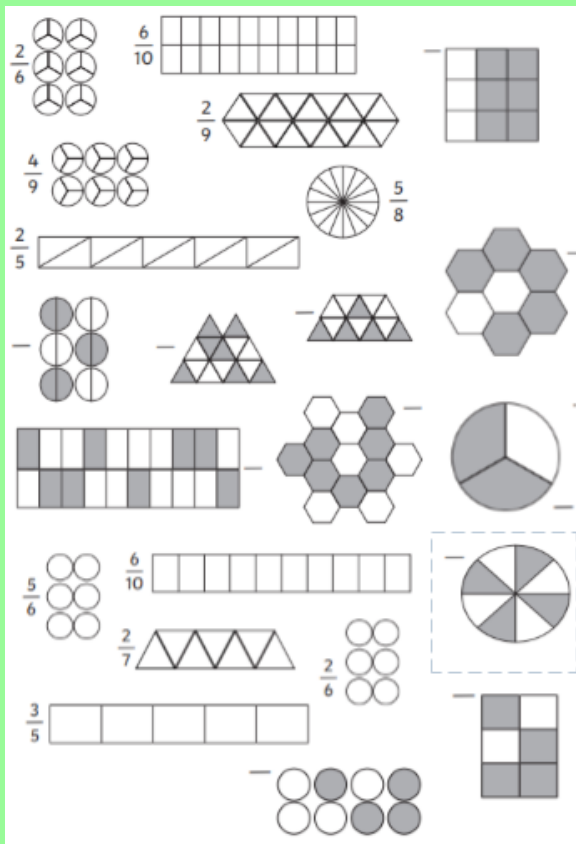
Fractions can be represented in lots of different ways.



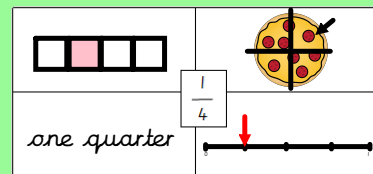
Main Task

I.O. know what a fraction is
Label the fraction wall below.

$\frac{2}{6}$ (6 circles, 2 shaded) $\frac{1}{4}$ (4 rectangles, 1 shaded) $\frac{2}{3}$ (circle divided into 3, 2 shaded)
 $\frac{2}{5}$ (5 rectangles, 2 shaded)
 $\frac{1}{3}$ (3 circles, 1 shaded) $\frac{1}{3}$ (3x3 grid, 1 shaded)
 $\frac{1}{3}$ (3 triangles, 1 shaded) $\frac{1}{3}$ (3 circles, 1 shaded)
 $\frac{1}{3}$ (circle divided into 3, 1 shaded) $\frac{1}{3}$ (3x3 grid, 1 shaded)
 $\frac{5}{6}$ (6 circles, 5 shaded) $\frac{6}{10}$ (10 rectangles, 6 shaded)
 $\frac{2}{7}$ (7 triangles, 2 shaded) $\frac{2}{6}$ (6 circles, 2 shaded)
 $\frac{3}{5}$ (5 rectangles, 3 shaded)



Next Step: Represent the fractions using the template below.



- $\frac{1}{8}$
- $\frac{2}{10}$
- $\frac{3}{6}$
- $\frac{4}{9}$
- $\frac{6}{7}$
- $\frac{5}{8}$
- $\frac{3}{4}$

