

Fractions

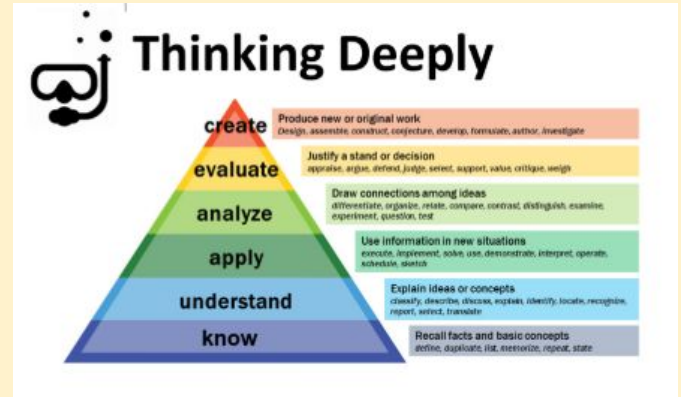
LO: understanding unit and non-unit fractions



Counting

Practise your 6x tables

Practise your 4x tables



LO: understanding non-unit fractions

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

What is the same about these fractions?

What is different about these fractions?

$$\frac{2}{4}$$

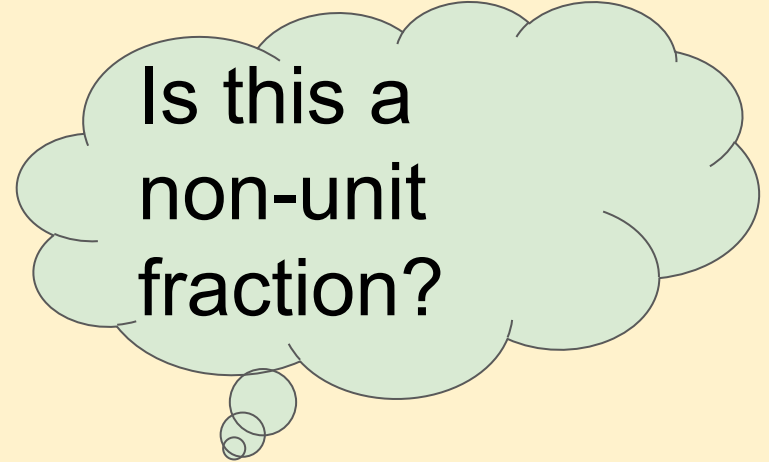
A unit fraction always has 1
as the top number

A non-unit fraction always
has a number greater than
1 as the top number

LO: understanding unit and non-unit fractions.

A **non-unit fraction** is when the **numerator (top number)** is **more** than one.

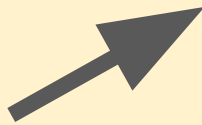
The **denominator (bottom number)** is the whole number.



$$\frac{2}{3}$$

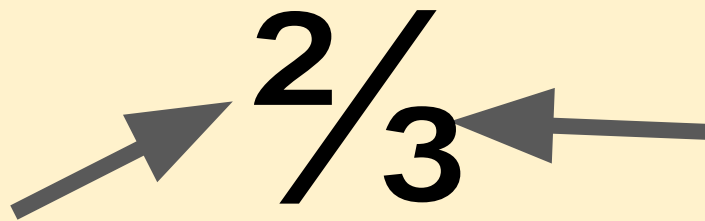
Numerator

Denominator



Which number
is the
denominator?

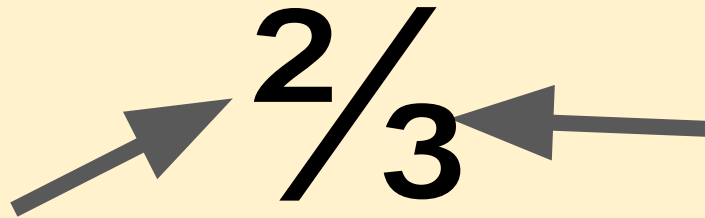
What number
is the
numerator?



The fraction $\frac{2}{3}$ is shown in large black font. A grey arrow points from the left towards the numerator '2', and another grey arrow points from the right towards the denominator '3'.

3 is the
denominator

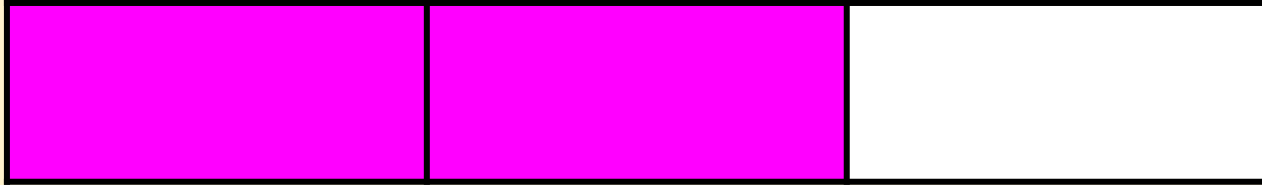
2 is the
numerator?



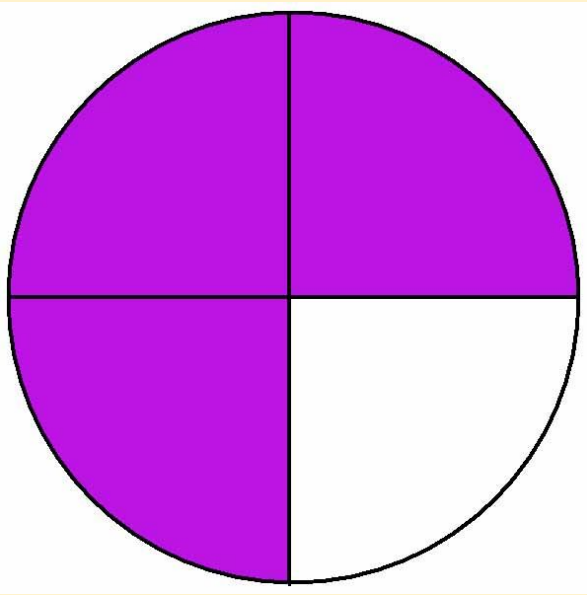
$\frac{2}{3}$

The diagram shows the fraction $\frac{2}{3}$ in large black font. A grey arrow points from the left towards the numerator '2', and another grey arrow points from the right towards the denominator '3'.

$$\frac{2}{3}$$



What fraction is
being shown?



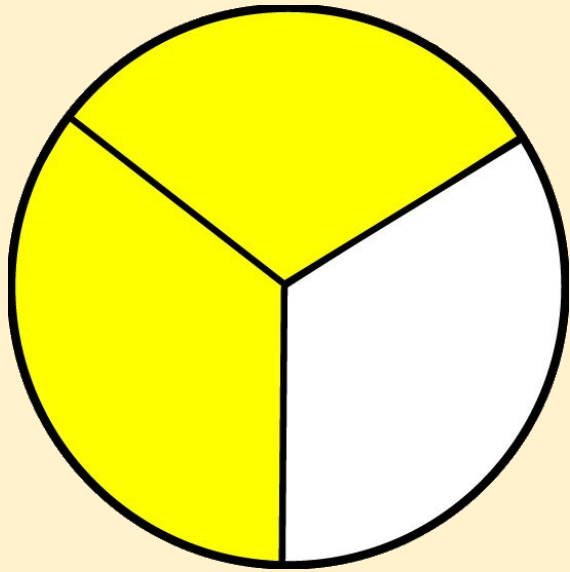
There are _____ equal parts.
_____ parts are shaded.

The fraction is _____.

This is a **non-unit** fraction.

How many
parts are
there?

How many
are
shaded?



There are _____ equal parts.
_____ parts are shaded.

The fraction is _____.

This is a **non-unit fraction**.

How many
parts are
there?

How many
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shaded?



There are _____ equal parts.
_____ parts are shaded.

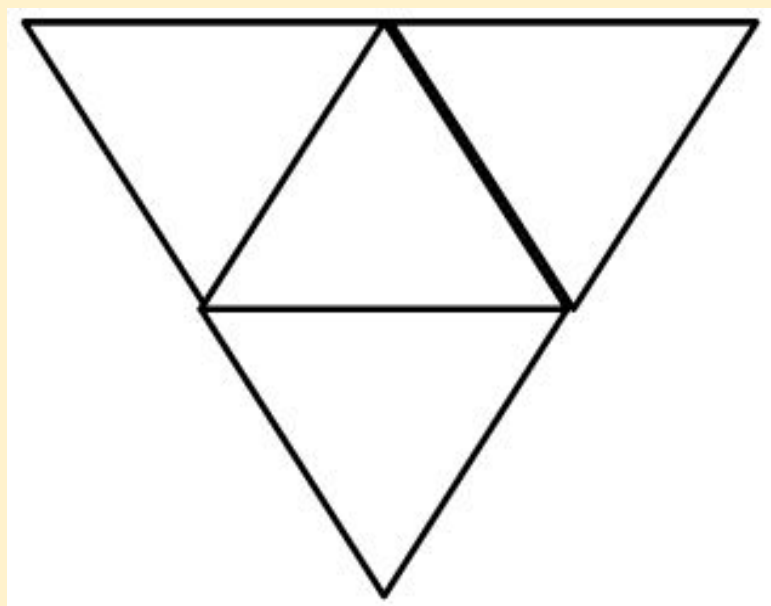
The fraction is _____.

This is a **non-unit fraction**.

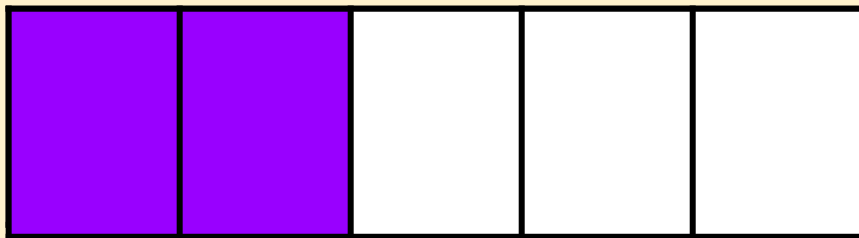
What is
different
about
this?

How many
parts are
there?

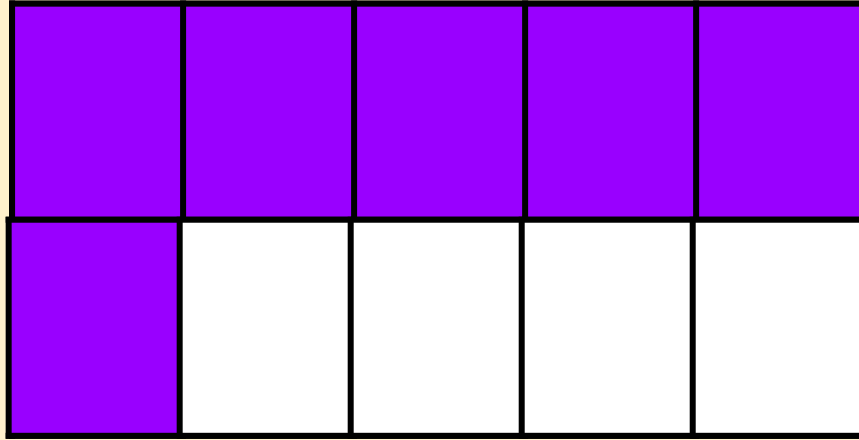
How many
are
shaded?



If I want to show the fraction $\frac{2}{4}$, how many parts would I shade?






If I want to show the fraction $\frac{2}{5}$, how many parts would I shade?



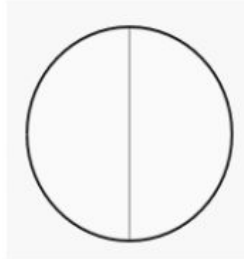
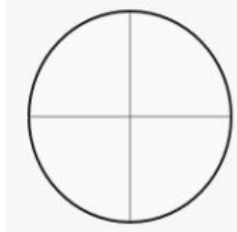
If I want to show the fraction $\frac{6}{10}$, how many parts would I shade?

Complete the table.

Fraction	Bar Model	Words
$\frac{1}{4}$		One quarter
		
$\frac{3}{4}$		
		One whole

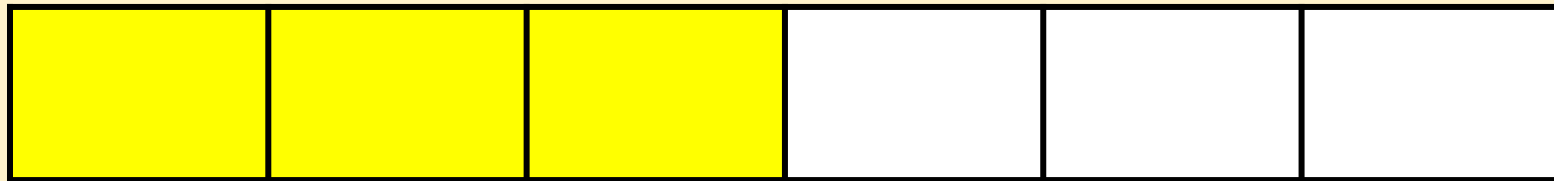
Explain it:
What is a non-unit fraction?

Shade in the whole of each circle. What fraction is represented in each case?



James says:

I have shaded $\frac{3}{3}$ of the shape.



Explain the mistake.

Can a fraction
equal a whole?

Which fractions equal a whole?

$\frac{1}{2}$

$\frac{2}{2}$

$\frac{2}{3}$

$\frac{4}{4}$

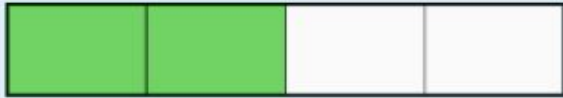
$\frac{5}{6}$

$\frac{10}{10}$

Know

Kira says,

I have shaded $\frac{2}{2}$
of the shape.



Explain her mistake.

Explain it:

What fraction has been shaded? How do you know?

Understand

Remind me, which ones are **non-unit fraction**?

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

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

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

$$\frac{2}{3}$$

$$\frac{5}{6}$$

Apply

Write the fractions in the table.

$$\frac{1}{6}$$

$$\frac{2}{3}$$

$$\frac{3}{4}$$

$$\frac{1}{10}$$

$$\frac{1}{8}$$

$$\frac{3}{5}$$

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

$$\frac{1}{99}$$

$$\frac{6}{1}$$

$$\frac{1}{250}$$

Unit fractions	Non-unit fractions

Write two more examples of your own in each column.