Wednesday 10th June

WALT: Recognise non-unit fractions

Lesson taken from BBC bitesize:https://www.bbc.co.uk/bitesize/articles/z6cbhcw

Learn how to recognise non-unit fractions.

This lesson includes:

- one video
- three activities

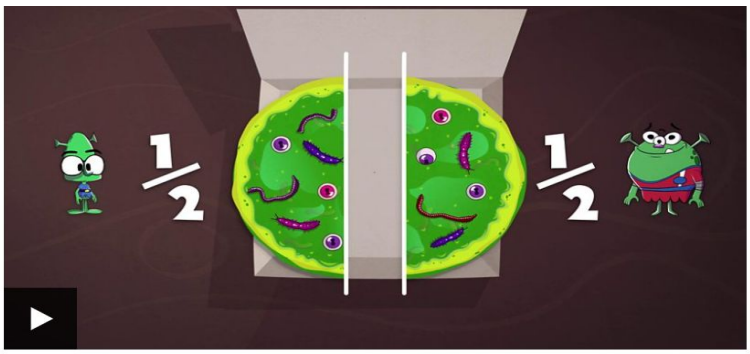
Learn

Non-unit fractions

Today you're going to learn about **non-unit fractions** to follow on from yesterday's lesson on unit fractions.

In case you need a quick refresher, watch this 1st Level Maths and Numeracy video from Bitesize to remind yourself all about fractions.

Unit and non-unit fractions: Non-unit fractions - Homeschool lessons in KS1 Maths Year 2

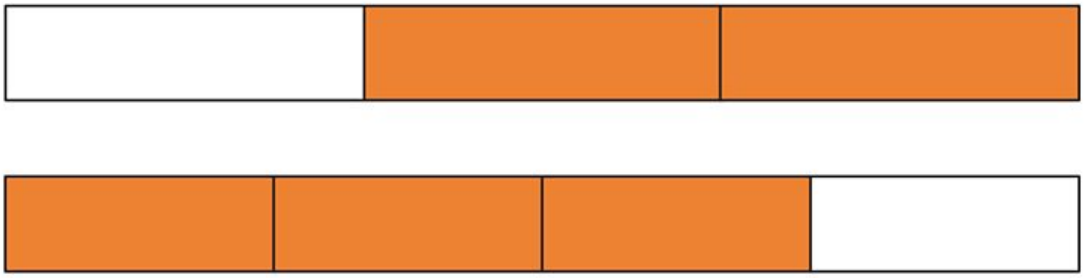


What is a non-unit fraction?

A **non-unit fraction** is a fraction where the numerator (the top number) is greater than 1. The denominator (the bottom number) can be any whole number.

Here are some examples of non-unit fractions: $\frac{2}{3}$, $\frac{7}{12}$ and $\frac{3}{4}$

We can represent fractions using bar models. Take a look at these two below.



How are they different?

One is divided into three equal parts, or **thirds**.

The other is divided into four equal parts, or **quarters**.

How are they the same?

- They each have more than one of the parts shaded.
- In the top bar, **2** of the **3** parts are shaded. This is $\frac{2}{3}$.
- In the bottom bar, **3** of the **4** parts are shaded. This is $\frac{3}{4}$.

They both have a numerator (top number) more than 1. They are **non-unit fractions**.

Top tip

Remember when a whole is divided into **parts**, they must be **equal**.

Question 1

What fraction of this shape has been shaded?

This shape has 3 of the 4 equal parts shaded, which you can write as $\frac{3}{4}$.

Question 2

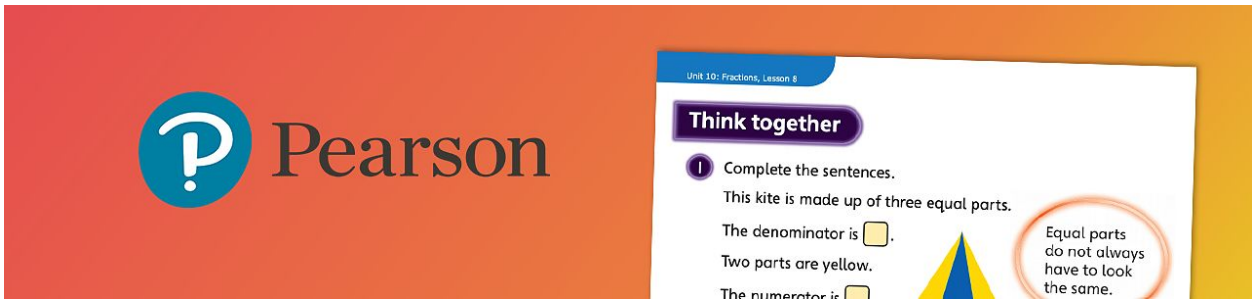
What fraction of this shape has been shaded?

This shape has 2 of the 3 equal parts shaded, which is ⅔.

Practise

Activity 1

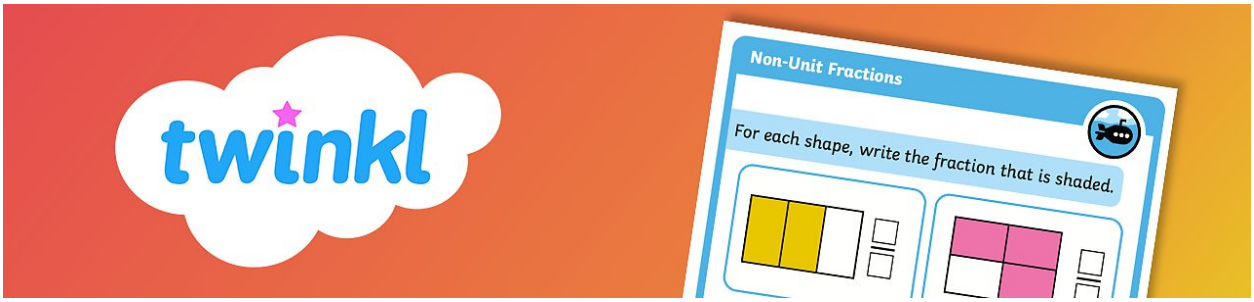
First, have a go at this worksheet from Pearson. You can print it out or just make a note of the answers on a sheet of paper.



Click here for the answer sheet

Activity 2

Have a go at this non-unit fractions worksheet from Twinkl



Finished? Check your here for the answers here

Activity 3 Karate Cats

Play the number and place value level of Karate Cats Maths - can you collect a cool new costume for your cats?

Play Karate Cats Maths Game For Kids | Free Online Maths Games