

Y4 Spring: Decimals and Fractions

Unit 1 (3 days)

Find unit and non-unit fractions of amounts

You will need:

To read or look at on screen	To print out and write on
<ol style="list-style-type: none">1. Teaching revision – copies of the slides for Days 1 to 3.2. As appropriate – the Extra Support.3. As advised – the Investigation.	<ol style="list-style-type: none">1. Practice sheets for Days 1 to 3.2. Mastery questions – to be completed after the practice sheets.3. Possibly the sheets required for the Extra Support or Investigation activities.

Day 1

- First revise the teaching by looking over the PowerPoint slides for the day. This is on **counting in $\frac{1}{4}$ s, $\frac{1}{3}$ s, $\frac{1}{8}$ s and $\frac{1}{10}$ s saying equivalent fractions.**
- Review the practice sheets. You have a choice of Sheet 1 (easier) or Sheet 2 (harder). Select the appropriate one. Complete the practice sheet.

Day 2

- First revise the teaching by looking over the PowerPoint slides for the day. This is on **finding unit and non-unit fractions of amounts.**
- Review the practice sheets. You have a choice of Sheet 1 (easier) or Sheet 2 (harder). Select the appropriate one. Complete the practice sheet.

Day 3

- First revise the teaching by looking over the PowerPoint slides for the day. This is on **finding unit and non-unit fractions of amounts.**
- Review and complete the practice sheet. Try the challenge.

Also available and to use as advised by the teacher:

- An in-depth investigation: *Foodie Fractions*.
- An Extra Support activity: *Choccie Quarters* which will really help if you are finding the practice sheets tricky...

At the end of the Unit

Have a really good go at the Mastery Questions. Have you been able to do these?

Teaching revision: Day 1

Count in $\frac{1}{4}$ s, $\frac{1}{3}$ s, $\frac{1}{8}$ s and $\frac{1}{10}$ s saying equivalent fractions

Day 1: Count in $\frac{1}{4}$ s, $\frac{1}{3}$ s, $\frac{1}{8}$ s and $\frac{1}{10}$ s saying equivalent fractions.

This number line goes up in **thirds**.

Thirds

Let's count along the line... one third, two thirds, ONE, one and one third, one and two thirds, TWO....

Day 1: Count in $\frac{1}{4}$ s, $\frac{1}{3}$ s, $\frac{1}{8}$ s and $\frac{1}{10}$ s saying equivalent fractions.

This number line goes up in **quarters**.

Let's count along the line to five. One quarter, two quarters, three quarters, ONE, one and one quarter....

Quarters

What's another way of saying two quarters?

One and two quarters?
Two and two quarters...

Let's count to five using quarters and halves.
One quarter, one half, three quarters, ONE, one and a quarter, one and a half, one and three quarters...

Teaching revision: Day 1

Count in $\frac{1}{4}$ s, $\frac{1}{3}$ s, $\frac{1}{8}$ s and $\frac{1}{10}$ s saying equivalent fractions

Day 1: Count in $\frac{1}{4}$ s, $\frac{1}{3}$ s, $\frac{1}{8}$ s and $\frac{1}{10}$ s saying equivalent fractions.

This number line goes up in **tenths**.

Let's count along the line to two. One tenth, two tenths, three tenths.....ONE, one and a tenth....

Let's mark on **equivalent** fractions.

Let's count along in tenths from 0 to 1 using the simplest equivalent fractions.

Now from 1 to 2, the pattern will be the same.

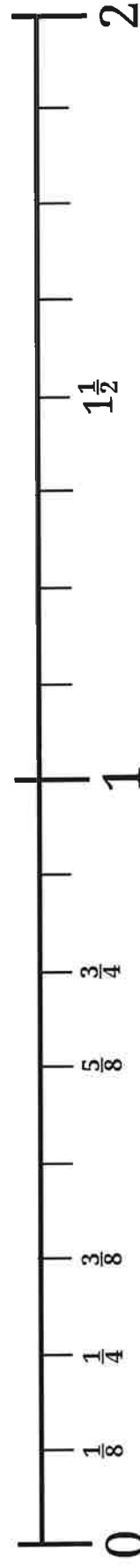
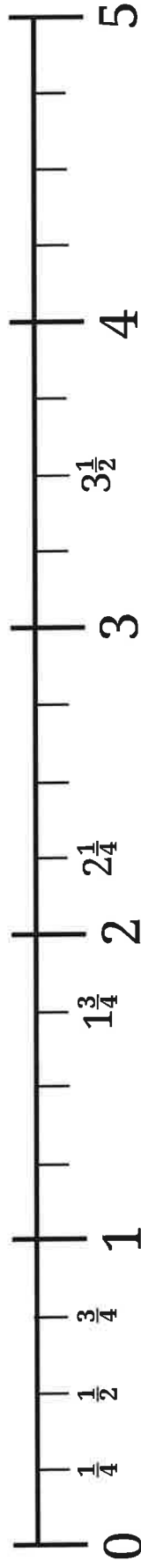
Now choose a practice sheet to suit you.

You can select Sheet 1 (easier) or Sheet 2 (harder).

Fraction sequences

Sheet 1

Fill in the missing numbers in these sequences.
Where possible write fractions in their simplest forms.



Fraction sequences

Sheet 2

Fill in the missing numbers in these sequences.
Where possible write fractions in their simplest forms.

