

Year 4 Recognise Tenths and Hundredths – Guidance for Parents/Carers

Activity:

The aim of this activity is for children to practise recognising the value of fractions given in tenths and hundredths. There are three questions to complete. The first two questions allow children to practise the skill, while the third question extends them as they have to problem solve and explain their answer.

Vocabulary:

A **representation** refers to a number that has been shown in different ways. This number may have been shown in numerals, words or using mathematical equipment such as Base 10 or a place value chart.

A **part-whole model** is a concept to show how numbers can be split into different parts. They can be used to represent numbers, as well as a wide variety of calculations. The concept follows the structure $\text{part} + \text{part} = \text{whole}$, but this may change depending on how many parts there are.

Bar models show how numbers can be split into different parts, by splitting them into bars or boxes. Bar models can be used to solve a wide variety of calculations, showing the relationship between the whole model and the parts.

A **hundred square** is a square split into 100 parts. It is often used to show the numbers from 1-100. It can also be used to show the relationship between tenths and hundredths when working on fractions.

Supporting resources:

You can watch a video tutorial about recognising tenths and hundredths on kids.classroomsecrets.co.uk >> **Year 4** >> **Maths** >> **Decimals** >> **Video Tutorials**.

You can watch the answer explanation video which takes children through this activity and ways to answer it on <https://www.youtube.com/user/ClassroomSecretsLtd/playlists> >> **Year 4 Playlist** >> **Recognise Tenths and Hundredths Explanation**.

Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on classroomsecrets.co.uk/membership.

Check out our daily timetable for Year 4 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

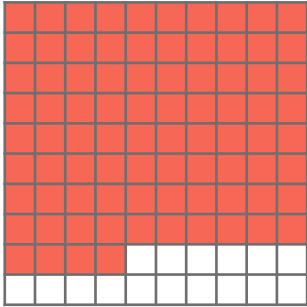
Recognise Tenths and Hundredths

1. A. $\frac{73}{100}$; B. $\frac{11}{100}$; C. $\frac{73}{100}$. B is the odd one out.

2. A. $\frac{46}{100}$;

$\frac{46}{100}$	
$\frac{4}{10}$	$\frac{6}{100}$

B. $\frac{84}{100}$;



3. Liv is correct because she has shaded in $\frac{35}{100}$ of the whole amount. Tom is incorrect because the square represents 7 tenths and 2 hundredths.