

Activity:

The aim of this activity is for children to practise recognising the value of tens and ones in a 2-digit number. 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:

'ones' were known as units prior to the National Curriculum update in 2014.

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.

Place value counters refer to a physical resource which can be used to represent a number. They are usually in different colours and have different numbers written on them, to represent 'ones', 'tens', 'hundreds' etc. They can also represent decimal numbers.

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.

Supporting resources:

You can watch a video tutorial about tens and ones on kids.classroomsecrets.co.uk >> **Year 2 >> Maths >> Place Value >> 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 2 Playlist >> Tens and Ones Answer 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 2 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Tens and Ones

1. A and C
2. A and 3; B and 1; C and 2
3. Rex is correct because he has 4 tens and 4 tens & 2 ones; Selina has 5 tens and 4 tens & 2 ones, which makes 92.