

## Activity:

The aim of this activity is for children to practise writing decimals with up to two decimal places. 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 **place value chart** is used to identify the value of the digits that make up a number. The chart is broken up into columns which represent 'ones', 'tens', 'hundreds', 'thousands', 'ten thousands', and so on. It can also represent decimal numbers such as 'tenths', 'hundredths', 'thousandths', and so on.

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 writing decimals on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> **Year 4 >> Maths >> Decimals >> Video Tutorials.**

## 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](https://classroomsecrets.co.uk/membership).

**Check out our daily timetable for Year 4 home learning activities on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> Home Learning Timetable.**

## Write Decimals

1.  $A = 2.62$ ;  $B = 3.15$ ;  $C = 1.37$ ;  $D = 4.61$ ;  $E = 0.53$
2. Joe = 1.34; Sarah = 1.47; Jane = 1.42; Ivan = 1.44
3. Various possible answers, including: 5.43, 5.46, 5.49, 6.43, 6.46, 6.49