

Activity:

The aim of this activity is for children to practise rounding decimal numbers. 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:

Rounding means to change a number slightly by making it larger or smaller, depending on the original number, to give a more approximate value.

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.

Decimal places refer to the number of digits after the decimal point. For example, a decimal which has two decimal places (2dp) will have two digits after the decimal points, e.g. 1.25.

Supporting resources:

You can watch a video tutorial about rounding decimals on [kids.classroomsecrets.co.uk](https://www.kids.classroomsecrets.co.uk) >> **Year 5** >> **Maths** >> **Decimals and Percentages** >> **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 5 Playlist** >> **Rounding Decimals 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](https://www.classroomsecrets.co.uk/membership).

Check out our daily timetable for Year 5 home learning activities on [kids.classroomsecrets.co.uk](https://www.kids.classroomsecrets.co.uk) >> Home Learning Timetable.

Rounding Decimals

1. **B**
2. **True**
3. **7.8 and 8**
4. **8.07 – 8.1; 8.67 – 8.7; 8.76 – 8.8**

5.

3.36	2.56	4.29	1.09
5.42	6.39	7.49	8.65
8.48	7.38	9.44	6.33
9.62	5.04	3.37	6.41

6. **Possible answers: 7.56 or 7.58**
7. **Bruce is correct. The 5 hundredths means that the 9 tenths is rounded to the next whole number.**