Year 5 | Number

Decimals beyond hundredths

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Decimals beyond hundredths

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

Decimal places continue the base-ten pattern to the right of the ones place:tenths, hundredths, thousandths and beyond. Each place is one tenth of the place immediately to its left.

Compare decimals by matching place values, not by counting digits. Trailing zeros can make comparison easier without changing a value. A number line shows where a decimal lies between whole numbers.

Worked example

Compare 0.52 and 0.7.

Rename 0.7 as 0.70.

Compare 52 hundredths with 70 hundredths.

Answer: 0.52<0.7

Try it yourself

Name: _____ Date: _____

1. Compare 0.307 and 0.37. Write <, > or= and explain with place value.

2. Compare 2.084 and 2.048. Write <, > or= and explain with place value.

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. <

Compare whole parts first, then tenths, hundredths and any later places. Add trailing zeros if that helps align the places.

2. >

Compare whole parts first, then tenths, hundredths and any later places. Add trailing zeros if that helps align the places.

Curriculum reference: VC2M5N01

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