Year 3: Week 3, Day 3 Equivalent fractions and decimals

Each day covers one maths topic. It should take you about 1 hour or just a little more.

- Start by reading through the Learning Reminders. They come from our *PowerPoint* slides.
- Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.

3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

 Have I mastered the topic? A few questions to Check your understanding.
 Fold the page to hide the answers!

1.



	tify the value of the '4' in the following numbers:
(a)	3.407
(b)	4.821
(c)	0.043
(d)	5.104
(e)	48,739
How	many times must Dan multiply 0.048 by 10 to get 48,00
How	many times must Dan multiply 0.048 by 10 to get 48,00



1. 5.846 - 0.20



Learning Reminders



Learning Reminders







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A Bit Stuck? Sticky tenths

Work in pairs, but stick your fraction strips into your own book/on paper.

Things you will need:

- Tenths strips
- Scissors
- Glue sticks
- A pencil

What to do:

- Choose at least three numbers less than 1 and at least three numbers more than 1 to show using your tenths strips.
- Write the number and stick the strips by the side.
- Each time, write the number in the place value grid below. Remember to draw the decimal point each time.

1.1, 0.8, 1.6, 2.1, 1.2, 0.1, 0.3, 2.5, 0.5, 2.2

]s	0.1s 1/105

S-t-r-e-t-c-h:

Write all your numbers in order from smallest to largest.

Learning outcomes:

- I can understand the value of each digit in numbers with one decimal place.
- I am beginning to order numbers with one decimal place.

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Check your understanding: Questions

Always true, sometimes true or false?

- One half is zero point five
- A number of fifths can be written as an equivalent
- number of tenths
- A number of tenths can be written as an equivalent
- number of fifths
- \rightarrow ⁴/₅ is less than ⁴/₁₀
- Counting in tenths is the same as counting in 0.1s
- > If I count on in steps of 0.1, the number after zero point nine is zero point ten.

Fold here to hide answers:

Check your understanding: Answers

Always true, sometimes true or false?

- One half is zero point five Always true.
- A number of fifths can be written as an equivalent number of tenths Always true e.g. 1/5 = 2/10, 2/5 = 4/10 etc.
- A number of tenths can be written as an equivalent number of fifths Sometimes – if the numerator is even (see above), however, if the numerator is odd then there is no equivalent number of fifths.
- $\frac{4}{5}$ is less than $\frac{4}{10}$ False it is equivalent to $\frac{8}{10}$, which is greater.
- Counting in tenths is the same as counting in 0.1s True.
- If I count on in steps of 0.1, the number after zero point nine is zero point ten.
 False —it is 1.