



Discussion

<p>Relationship between lesson and unit: Fractions, decimals and percents all refer to part-whole relationships – and every number written as a fraction has a way of expressing the same quantity as a decimal.</p> <p>Depending on the situation, some numbers are easier to think about and some problems are easier to solve when a fraction is converted to a decimal.</p>	<p>Relationship between lesson and daily life: If you order $\frac{1}{3}$ pound of lunch meat, the digital scale will read 0.333. A quarter of a dollar is \$0.25 In manufacturing, blueprint measurements are written as decimals, but are measured with tools that use fractions. Not all calculators allow you to enter a number as a fraction.</p>
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Self-Test Questions

- How do you set up a fraction as a long division problem? (Where does the numerator go? Where does the denominator go?) (1)
- What do you need to do to the number in the box? (2)
- Where does the decimal point in your answer come from? (3)
- What can you do if you get stuck with your long division? (4)
- What do you do if you get a remainder? (5)
- How do you know when you are done? (6)

Tasks/Strategies

- Look at detailed versions of task analysis
- Do practice problems.
- If long division trips you up, try problems with calculator.
- Ask yourself if your answer “makes sense”.