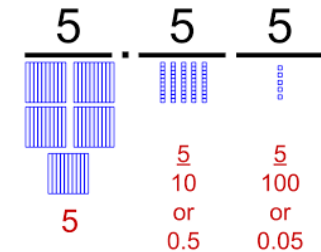
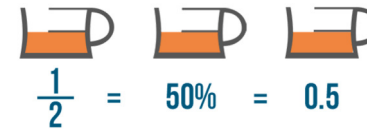
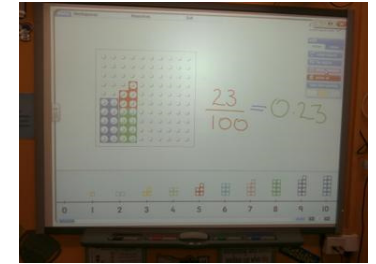


Lisa thinks that “2.14 is a bigger number than 2.7” Is she right? Where might she have gone wrong?

- Where have you seen decimals before? Why do people use them?
- Can you explore tenths and hundredths using the Numicon pieces and baseboards?
- Can you make connections between fractions and decimals?
- Can you represent decimals with base 10 apparatus?
- Can you compare decimal numbers?
- Can you order decimal numbers by looking at significant figures and your knowledge of place value?
- Solve problems and reason using decimals

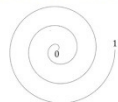


Representing Decimal Numbers

Base 10 blocks	Decimal Representation	Fraction Representation
	2.6	$2\frac{6}{10}$



**Spiralling Decimals**  
<http://nrich.maths.org/10326>



- |      |      |      |       |
|------|------|------|-------|
| 0.5  | 0.25 | 0.75 | 0.3   |
| 0.35 | 0.9  | 0.99 | 0.999 |
| 0.1  | 0.01 | 0.05 | 1.79  |
| 0.64 | 0.32 | 0.54 | 0.865 |

