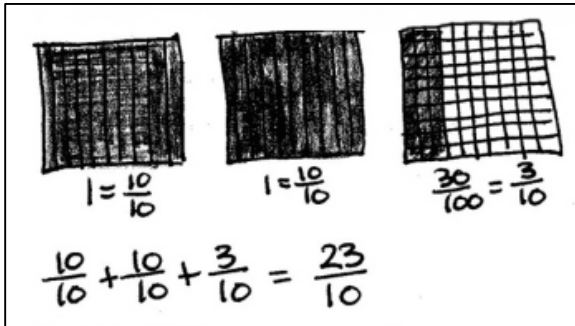


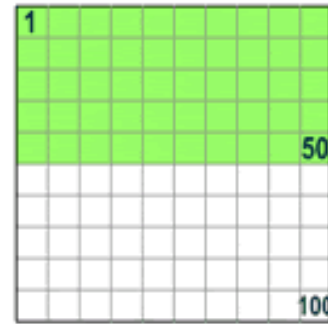


# A Story of Units...

## Linking Fractions and Decimals



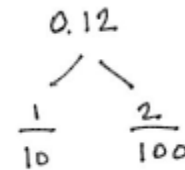
Fractions	Decimals
1/2	0.50
1/3	0.3
2/3	0.6
1/4	0.25
3/4	0.75
1/5	0.20
2/5	0.40
3/5	0.60
4/5	0.80



In the third quarter of 4<sup>th</sup> grade, students continue their study of fractions by relating fractions and decimals. Through this connection they will practice their four operations and further their place value understanding.

### In Module 6 we will:



- **Express** fractions with denominator 10 as equivalent fractions with denominator 100- this encourages place value conceptual understanding
- **Rewrite** fractions with denominators of 10 or 100 as decimals
- **Compare** decimals to the hundredth



7 ones 13 hundredths	•	• 7.30	•	• $7\frac{3}{100}$
7 ones 3 hundredths	•	• 7.3	•	• 73
7 ones 3 tenths	•	• 7.03	•	• $7\frac{13}{100}$
7 tens 3 ones	•	• 7.13	•	• $7\frac{30}{100}$
		• 73	•	

- **Apply** the four operations to real world applications

## Enrichment Activities

In school, your child will...	At home, your child can...
<p>Use <b>place value charts</b> for whole numbers as well as decimals to further conceptual development of place value.</p>  <p>Use models and <b>drawings</b> to explain their thinking.</p>	<p><b>Make</b> a list of places they find decimals around the house or community. Some examples may include product versions (2.0), prices, temperature, measurements, etc.</p>  <p>Convert fractions to decimals and vice versa using drawings to defend thinking.</p>

## Focus Standards for Mathematical Practice

- Reason abstractly and quantitatively; students represent quantities with numerals
- Model decompositions by drawing and writing (such as 3 can be broken into 1 and 2)
- Use precision and focus when solving a problem
- Look for and express regularity in repeated reasoning



## Fluency Focus

Students' fluency focus this quarter is directly linked to the current module. Fourth graders will be working on confidently and fluently translating between fractions and decimals.

*This newsletter is aligned to the Eureka Math Curriculum.*