



Dear Fourth Grade Families,

In Unit 7, students will work on the following fourth grade Common Core standards in the Number and Operations—Fractions (NF) domain:

4.NF.5	Express a fraction with denominator 10 as an equivalent fraction with denominator 100, and use this technique to add two fractions with respective denominators 10 and 100. <i>For example, express $\frac{3}{10}$ as $\frac{30}{100}$, and add $\frac{3}{10} + \frac{4}{100} = \frac{34}{100}$.</i>
4.NF.6	Use decimal notation for fractions with denominators 10 or 100. <i>For example, rewrite 0.62 as $\frac{62}{100}$; describe a length as 0.62 meters; locate 0.62 on a number line diagram.</i>
4.NF.7	Compare two decimals to hundredths by reasoning about their size. Recognize that comparisons are valid only when the two decimals refer to the same whole. Record the results of comparisons with the symbols $>$, $=$, or $<$, and justify the conclusions, e.g., by using the number line or another visual model.

Unit 7 Concepts:

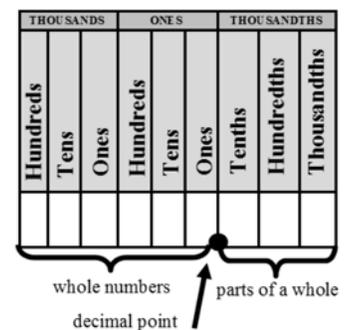
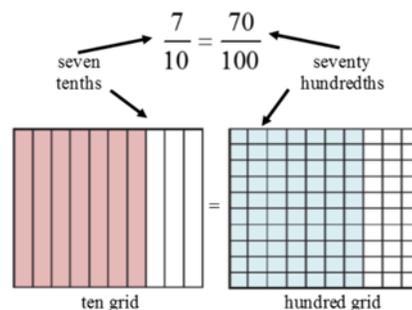
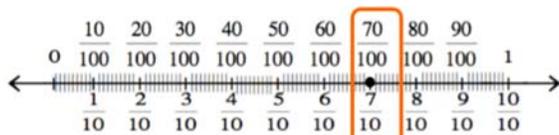
- Add fractions with denominators 10 & 100
- Convert fractions to decimals
- Convert decimals to fractions
- Compare two decimals to hundredths using symbols $>$, $=$, or $<$

Unit 7 Vocabulary:

- Equivalent fractions
- Decimal
- Decimal point
- Place value chart

Ask questions like these to help your child become a productive mathematical thinker:

- What happens when you change the denominator from 10 to 100?
- Show me how you convert a fraction to a decimal. How does that make sense?
- Which decimal is larger, 0.76 or 0.67? Show me how you know using a number line.
- Which is larger, $\frac{8}{10}$ or $\frac{85}{100}$? How do you know?
- How would you use this in real life?
- Does your answer seem reasonable?



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If you don't know the class's special name, ask your child's teacher.

We encourage you to talk with your child daily about what was learned in math class.

Thank you for your support!