



Dear Family,

In Lessons 1 through 7 of Unit 7 of *Math Expressions*, your child will build on previous experience with fractions. Your child will use both physical models and numerical methods to recognize and to find fractions equivalent to a given fraction. Your child will also compare fractions and mixed numbers, including those with like and unlike numerators and denominators.

By using fraction strips students determine how to model and compare fractions, and to find equivalent fractions. Your child will also learn how to use multiplication and division to find equivalent fractions.

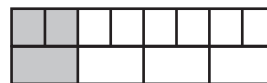
Examples of Fraction Bar Modeling:

Fraction Comparisons



$$\frac{1}{3} < \frac{1}{2}$$

Equivalent Fractions



$$\frac{2}{8} = \frac{1}{4}$$

Your child will be introduced to the number-line model for fractions. Students name fractions corresponding to given lengths on the number line and identify lengths corresponding to given fractions. They also see that there are many equivalent fraction names for any given length.

Your child will apply this knowledge of fractions to word problems and in data displays.

If you have questions or problems, please contact me.

Thank you.

Sincerely,
Your child's teacher



Lessons 1–7 of this unit include the Common Core Standards for Mathematical Content for Number and Operations—Fractions, 4.NF.1, 4.NF.2, 4.NF.5, 4.MD.4, and all Mathematical Practices.