



Dear Family,

Your child worked with multiplication and division problems in Unit 1. Unit 4 of *Math Expressions* guides students as they deepen and extend their mastery of these operations. The main goal of this unit is to enhance skills in multiplying and dividing with whole numbers and decimal numbers. Some additional goals are:

- to solve real-world application problems,
- to use patterns as an aid in calculating,
- to use estimation to check the reasonableness of answers,
- to understand how to convert fractions to decimals, and
- to interpret remainders.

Your child will learn and practice techniques such as Rectangle Sections, Expanded Notation, and Shift Patterns to gain speed and accuracy in multi-digit and decimal multiplication and division. Money examples will be used in multiplication and division with decimals.

Your child will learn to round and estimate, and then adjust the estimated number. Remainders will be interpreted in real-world contexts, and expressed as fractions or decimals. Students will divide by decimal numbers, and learn to distinguish between multiplication and division when there are decimal numbers.

Throughout Unit 4, your child will solve real-world application problems that require multi-digit multiplication and division. Your child may need more work with the multiplication table, so please support practice with the Target and Multiplication Tables and Division Cards.

If you have any questions, please call or write to me.

Sincerely,
Your Child's Teacher