

Epsilon

<http://store.mathusee.com/catalog/math-u-see/general-math/epsilon>

Students who are ready for Epsilon-level math:

- Can comfortably add or subtract multiple-digit numbers, using regrouping as necessary
- Can demonstrate a division problem by drawing a diagram
- Can give the quotients for single-digit division facts from memory*
- Can comfortably multiply multiple-digit numbers, regrouping as necessary
- Can comfortably divide multiple-digit numbers with remainders
- Can determine and apply the operation(s) needed to solve a word problem

Note: I provide a multiplication table to all my students but do not allow calculators. This accommodates learning disabilities like dyscalculia yet encourages those that can to master their multiplication facts.

Concepts and skills learned in the Epsilon curriculum:

- Recognizing and generating equivalent fractions
- Understanding addition, subtraction, multiplication, and division of fractions and mixed numbers
- Fluently adding, subtracting, multiplying, and dividing fractions and mixed numbers
- Using multiple strategies to recognize common factors
- Understanding grouping symbols and their effect on order of operations
- Interpreting and solving word problems
- Comparing, and converting decimal fractions
- Finding the area and circumference of circles
- Classifying quadrilaterals
- Representing fractions and fractional measurements on line plots and number lines
- Using coordinates to represent ordered relationships