



Dear Sixth Grade Families,

In Unit 1, students will work on the following sixth grade Common Core standards in the Number System (NS) domain.

6.NS.2	Fluently divide multi-digit numbers using the standard algorithm.
6.NS.3	Fluently add, subtract, multiply and divide multi-digit decimals using the standard algorithm for each operation.
6.NS.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor.

### Unit 1 Concepts:

- Represent, compare, and order decimals
- Add, subtract, multiply, and divide with decimals
- Find greatest common factors
- Find least common multiples
- Divide fractions

### Unit 1 Vocabulary:

- Place value
- Sum
- Difference
- Factor
- Product
- Dividend
- Divisor
- Quotient
- Greatest Common Factor (GCF)
- Least Common Multiple (LCM)
- Numerator
- Denominator
- Reciprocal
- Inverse operation

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

- What concepts or rules helped you to solve the problem?
- Does your answer seem reasonable?
- What strategies helped you solve this problem?
- What does your illustration represent?

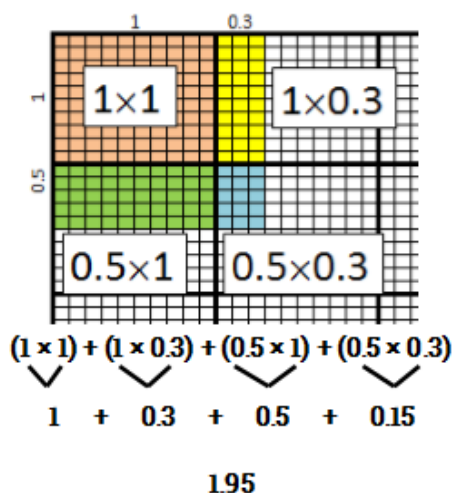
Need a review? Check out our lesson videos on-line!

[swunmath.com/student-videos](http://swunmath.com/student-videos)

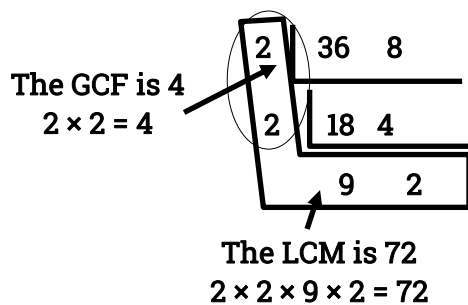
If you don't know the class's special name, ask your child's teacher.

### Conceptual Model of Multiplying Decimals

$$1.5 \times 1.3$$



Use the Ladder to find the GCF & LCM of 36 and 8.



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

Thank you for your support!