Dear Third Grade Families,

In Unit 4, students will work on the following third grade Common Core standards in the Operations and Algebraic Thinking (OA) domain. The focus of this unit is a conceptual understanding of division, not on the formal division algorithm.

3.OA.3	Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.
3.OA.4	Determine the unknown whole number in a multiplication or division equation relating three whole numbers. *For example, determine the unknown number that makes the equation true in each of the equations 8 × ? = 48, 5 = ? ÷ 3, 6 × 6 = ?.*

Unit 4 Concepts:
- Modeling multiplication and division with equal groups and arrays
- Modeling multiplication with tables
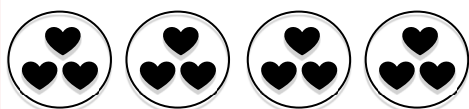- Solving multiplication and division equations

dividend ÷ divisor = quotient

factor × factor = product

Unit 4 Vocabulary:
- Equations
- Equal groups
- Array
- Row
- Column
- Pattern
- Table Model

Ask questions like these to help your child become a productive mathematical thinker:
- How is addition like multiplication?
- How is subtraction like division?
- Explain the relationship between multiplication and division.
- Can you use the same model to show both multiplication and division? Show me how.
- What models of multiplication and division do you see in every-day life?
- Which model do you think is most efficient?

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

Need a review?
Have your student login to Swun Math to access lesson support videos.