



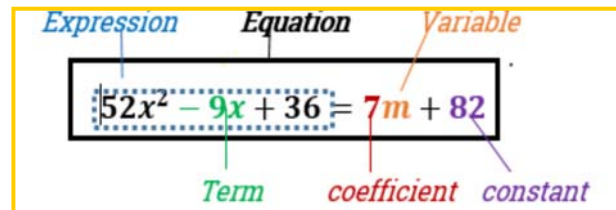
Dear Seventh Grade Families,

In Unit 5, students will work on the following seventh grade Common Core standards in the Expressions and Equations (EE) domain.

7.EE.1	Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.
7.EE.2	Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related. <i>For example, $a + 0.05a = 1.05a$ means that "increase by 5%" is the same as "multiply by 1.05."</i>

Unit 5 Concepts:

- Simplify, expand & factor expressions
- Model & write expressions



Unit 5 Vocabulary:

- Linear expression
- Like terms
- Constants
- Simplify
- Expand
- Greatest common factor
- Distributive property
- Linear expression
- Equivalent expression

Distributive Property:

$$5(n + 9) = (5 \cdot n) + (5 \cdot 9)$$

Ask questions like these to help your seventh grader as a productive mathematical thinker:

- Name the parts of a linear equation.
- Which method do you prefer, the horizontal or vertical method for simplifying?
- How can areas be equal even when the rectangles are different sizes?
- Explain how to use a visual model for expressions.

Need a review? Check out our lesson videos online!

swunmath.com/student-videos

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

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