

Topic: Unit 1: Expressions, Equations and Functions
 Subject(s):

Days: 10
 Grade(s):

Know:

Understand:

Do:

<p>Key vocabulary</p> <p>Order of operations</p> <p>Properties of equality, identity, commutative, associative and distributive</p> <p>Evaluating equations</p>	<p>How do numerical and algebraic expressions represent real world situations which can be analyzed by the graph of the expression as a function.</p>	<p>Evaluate numerical expressions by using order of operations.</p> <p>Evaluate algebraic expressions by using the order of operations.</p> <p>Recognize the properties of equality and identity.</p> <p>Recognize the properties of commutative and associative.</p> <p>Recognize when to use and apply the distributive to evaluate expressions.</p> <p>Use the distributive property to simplify expressions.</p> <p>Solve and evaluate equations with one variable.</p> <p>Draw Venn Diagrams</p> <p>Demonstrate relationships of sets using Venn diagrams and set notation</p>
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Which standards are students learning in this unit?

A.912.A.3.1:Solve linear equations in one variable that include simplifying algebraic expressions.

MA.912.A.3.2:Identify and apply the distributive, associative and communative properties of real numbers and the properties of equality

MA.912.A.10.1:Use a variety of problem-solving strategies, such as drawing a diagram, making a chart, guessing- and-checking, solving a simpler problem, writing an equation, working backwards, and creating a table.