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| Addition Property of Opposites | The property that states that the sum of a number and its opposite equals zero |
| Additive Identity Property of Zero | The property that states the sum of zero and any number is that  number |
| Coefficient | A number used to multiple a variable |
| Distributive Property | The property that states if you multiply a sum by a number, you will get the same result if you multiply each addend by that number and then add the products |
| Equation | A mathematical sentence that shows that two expressions are equivalent |
| Equivalent Expression | Expressions that have the same value |
| Evaluate | To find the value of a numerical or algebraic expression |
| Expression | A mathematical phrase that contains operations, numbers, and/or variables |
| Infinitely Many Solutions | All real numbers will make this equation true, sometimes referred to as “identity” |
| Inverse Operation | An operation that “undoes” another. For example, addition and subtraction are inverse operations as are multiplication and division |
| Like Terms | Terms whose variables (and their exponents such as the 2 in x2) are the same |
| No Solution | There is not a real number that will make the equation true |
| Solution | The values that satisfy the equation or make it true |
| Subtraction Property of Equality | The property that states that if you subtract the same number from both sides of an equation, the new equation will have the same solution |

**CCM8 Unit 5: Solving Equations Vocabulary**