

S1 – Algebra 2						
Knowledge of				Translations	Applications	Analyses and Synthesis
Terms	Facts	Rules and Principles	Processes and Procedures			
Term	Multiplication and division are inverse operations	Use inverse operations to solve equations	Solve 1 step equations	Match equations to contexts	Given a context, form an equation.	
Expressions			Solve 2 step equations			
Equation	Addition and subtraction are inverse operations		Solve 2 step equations involving fractions			
Inverse operation	Fractions can be thought of as a division $\frac{2}{3} = 2 \div 3$		Solve equations when a variable appears on both sides			

S1 – Algebra 2

Know	Do	Apply
<p>Term - $5y$</p> <p>Expressions - $5x + 5$</p> <p>Equations - $5a + 2b = 28$</p> <p>Inverse operations: \times <i>and</i> \div, $+$ <i>and</i> $-$</p> <p>Fractions can be thought of as a division $\frac{2}{3} = 2 \div 3$</p>	<p>Solve 1 step equations</p> $x + 5 = 11$ $x = 6$ <p>Solve 2 step equations</p> $5x + 3 = 53$ $5x = 50$ $x = 10$ <p>Solve equations that have a fraction:</p> $\frac{2x - 5}{3} = 5$ $2x - 5 = 15$ $2x = 20$ $x = 10$ <p>Solve equations with a variable on both sides</p> $4x - 2 = 2x + 4$ $2x - 2 = 4$ $2x = 6$ $x = 3$	<p>Match an equation to a context</p> <p>Form an equation given a context.</p> <p>Amy is 3 times older than Jenny. $A = 3J$</p>