

## Alignment of Accuplacer Math Topics with Khan Academy and the Common Core

Course Topic	Khan Videos	Khan Practice Sets	Core Standard(s)	Applied Tasks
<b>Arithmetic</b>				
Adding/Subtracting Integers	<a href="#">Adding Integers With Different Signs</a> <a href="#">Adding Negative Numbers</a>	<a href="#">Adding Negative Numbers</a> <a href="#">Adding and Subtracting Negative Numbers</a>	<a href="#">CCSS.Math.Content.7.NS.A.1c</a> <a href="#">CCSS.Math.Content.7.NS.A.1d</a>	<a href="#">The Locker Problem</a>  Number Rules
Multiplying/Dividing Integers	<a href="#">Multiplying Positive and Negative Numbers</a> <a href="#">Dividing Positive and Negative Numbers</a> <a href="#">Multiplying Numbers With Different Signs</a>	<a href="#">Multiplying and Dividing Negative Numbers</a> <a href="#">Negative Number Word Problems</a>	<a href="#">CCSS.Math.Content.7.NS.A.2a</a> <a href="#">CCSS.Math.Content.7.NS.A.2b</a>	Never Prime  Divisibility Problem
Rounding Numbers	<a href="#">Rounding Decimals</a>	<a href="#">Rounding Numbers</a>	<a href="#">CCSS.Math.Content.5.NBT.A.4</a>	<a href="#">Adding and Subtracting Signed Numbers</a>
Number Line	<a href="#">Points on a Number Line</a> <a href="#">Positive and Negative Decimals on a Number Line</a>	<a href="#">Decimals on the Number Line 1</a> <a href="#">Decimals on the Number Line 2</a> <a href="#">Decimals on the Number Line 3</a>	<a href="#">CCSS.Math.Content.6.NS.C.6</a>	
Square Roots	<a href="#">Approximating Square Roots</a>	<a href="#">Square Roots</a> <a href="#">Estimating Square Roots</a>	<a href="#">CCSS.Math.Content.8.EE.A.2</a>	
Prime and Composite Numbers	<a href="#">Prime Numbers</a> <a href="#">Recognizing Prime Numbers</a>	<a href="#">Prime Numbers</a> <a href="#">Composite Numbers</a>	<a href="#">CCSS.Math.Content.4.OA.B.4</a>	
Divisibility Tests	<a href="#">Divisibility Tests</a>	<a href="#">Divisibility Tests</a>	<a href="#">CCSS.Math.Content.4.OA.B.4</a>	
Prime Factorization	<a href="#">Prime Factorization</a> <a href="#">Common Divisibility Examples</a>	<a href="#">Prime Factorization</a>	<a href="#">CCSS.Math.Content.4.OA.B.4</a>	
<b>Fractions</b>				
	<a href="#">Identifying Fraction Parts</a> <a href="#">Understanding Fractions as Division (conceptual help)</a>	<a href="#">Recognizing Fractions</a> <a href="#">Fraction Word Problems (conceptual help)</a>		
Ordering Fractions	<a href="#">Plotting Fractions on the Number Line</a>	<a href="#">Fractions on the Number Line</a>	<a href="#">CCSS.Math.Content.3.NF.A.2</a>	<a href="#">Multiplying Fractions Word Problems</a>
Adding/Subtracting Fractions	<a href="#">Adding and Subtracting Fractions</a> <a href="#">Adding Fractions with Different Signs</a>	<a href="#">Adding and Subtracting Fractions</a>	<a href="#">CCSS.Math.Content.5.NF.A.1</a>	
Multiplying Fractions	<a href="#">Multiplying Fractions</a> <a href="#">Multiplying Negative and Positive Fractions</a>	<a href="#">Multiplying Fractions</a>	<a href="#">CCSS.Math.Content.5.NF.B.4</a>	<a href="#">Dividing Fractions Word Problems</a>
Dividing Fractions	<a href="#">Dividing Fractions Example</a> <a href="#">Dividing Fractions by Fractions</a>	<a href="#">Dividing Whole Numbers by Fractions</a> <a href="#">Dividing Fractions by Fractions</a>	<a href="#">CCSS.Math.Content.6.NS.A.1</a>	<a href="#">Fair Shares- Open-Ended Word Problem</a>  Fractions Jigsaw
<b>Decimals and Percents</b>				
Place Value	<a href="#">Decimal Place Value</a> <a href="#">Comparing Decimal Place Value</a>	<a href="#">Understanding Decimal's Place Value</a> <a href="#">Comparing Decimal Place Value</a>	<a href="#">CCSS.Math.Content.5.NBT.A.3</a>	<a href="#">Adding and Subtracting Decimals Word Problems (Khan)</a>  <a href="#">More Adding and</a>
Adding/Subtracting Decimals	<a href="#">Adding Decimals 1</a> <a href="#">Adding Decimals 2</a> <a href="#">Adding Decimals 3</a> <a href="#">Subtracting Decimals</a>	<a href="#">Adding Decimals 1</a> <a href="#">Adding Decimals 2</a> <a href="#">Subtracting Decimals 1</a> <a href="#">Subtracting Decimals 2</a>	<a href="#">CCSS.Math.Content.6.NS.B.3</a>	

## Alignment of Accuplacer Math Topics with Khan Academy and the Common Core

Multiplying/Dividing Decimals	<a href="#">Multiplying Decimals</a> <a href="#">Multiplying Decimals- More Involved</a> <a href="#">Dividing Decimals</a> <a href="#">Dividing Decimal Numbers</a>	<a href="#">Multiplying Decimals 1</a> <a href="#">Multiplying Decimals 2</a> <a href="#">Multiplying Decimals 3</a> <a href="#">Dividing Decimals 1</a> <a href="#">Dividing Decimals 2</a> <a href="#">Dividing Decimals 3</a>	<a href="#">CCSS.Math.Content.6.NS.B.3</a>	<a href="#">Subtracting Decimals</a> <a href="#">Word Problems</a>  <a href="#">Money Word Problems</a>  <a href="#">Another Money Word Problem</a>
Solving Percent Problems	<a href="#">Describing the Meaning of Percent</a> <a href="#">Taking Percentages</a> <a href="#">Percent Word Problems</a>	<a href="#">Percentage Word Problems 1</a>	<a href="#">CCSS.Math.Content.6.RP.A.3c</a>	<a href="#">Ratios Game</a>
Equating Decimals, Percents, Fractions	<a href="#">Representing a Number as a Decimal, Percent, and Fraction</a>	<a href="#">Converting Decimals to Fractions 1</a> <a href="#">Converting Decimals to Percents</a> <a href="#">Converting Percents to Decimals</a>	<a href="#">CCSS.Math.Content.6.NS.A.1</a>	<a href="#">Math in Special Effects: Ratios Problem</a>
Writing and Solving Proportions	<a href="#">Writing Proportions</a> <a href="#">Finding an Unknown in a Proportion</a> <a href="#">Using Proportions to Solve Problems</a>	<a href="#">Writing Proportions</a> <a href="#">Solving Proportions 1</a> <a href="#">Using Proportions to Solve Problems</a>	<a href="#">CCSS.Math.Content.7.RP.A.2a</a> <a href="#">CCSS.Math.Content.7.RP.A.2c</a>	
Simplifying Rates and Ratios	<a href="#">Simplifying Rates and Ratios</a>	<a href="#">Ratio Word Problems</a>	<a href="#">CCSS.Math.Content.7.RP.A.2a</a> <a href="#">CCSS.Math.Content.7.RP.A.2b</a>	
<b>Real Numbers</b>				
Properties of Real Numbers	<a href="#">Commutative Law of Addition</a> <a href="#">Commutative Law of Multiplication</a> <a href="#">Associative Law of Addition</a> <a href="#">Associative Law of Multiplication</a> <a href="#">The Distributive Property</a>	<a href="#">The Distributive Property</a>	<a href="#">CCSS.Math.Content.6.EE.A.3</a>	<a href="#">Working with Irrational Numbers</a>
Types of Numbers (Integers, Rational...)	<a href="#">Number Sets</a> <a href="#">Number Sets 1</a> <a href="#">Number Sets 2</a>		<a href="#">CCSS.Math.Content.8.EE.A.2</a>	
Absolute Value	<a href="#">Absolute Value and Number Lines</a> <a href="#">Absolute Value Word Problems</a>	<a href="#">Finding Absolute Value</a> <a href="#">Absolute Value Word Problems</a>	<a href="#">CCSS.Math.Content.6.NS.C.7c</a>	
Order of Operations/Simplifying Exp.	<a href="#">Order of Operations 1</a> <a href="#">Order of Operations- More Complicated</a>	<a href="#">Order of Operations</a> <a href="#">Order of Operations with Negative Numbers</a>	<a href="#">CCSS.Math.Content.7.EE.A.1</a>	
<b>Algebraic Expressions</b>				
Defining and Using Variables	<a href="#">What is a Variable?</a>		<a href="#">CCSS.Math.Content.6.EE.A.2</a>	<a href="#">Word Problems Involving Algebraic Expressions</a>
Evaluating Algebraic Expressions	<a href="#">Evaluating Expressions With Two Variables</a>	<a href="#">Evaluating Expressions in One Variable</a> <a href="#">Evaluating Expressions in Two Variables</a>	<a href="#">CCSS.Math.Content.6.EE.A.2c</a>	<a href="#">Skeleton Tower Problem</a>
Translating words into Algebra	<a href="#">Writing Expressions 1</a> <a href="#">Writing Expressions 2</a>	<a href="#">Writing Expressions 1</a> <a href="#">Writing Expressions 2</a>	<a href="#">CCSS.Math.Content.6.EE.A.2a</a>	
Using Formulas	<a href="#">Rearrange Formulas to Isolate a Variable</a>	<a href="#">Solving Equations in Terms of a</a>	<a href="#">CCSS.Math.Content.HSA-</a>	

## Alignment of Accuplacer Math Topics with Khan Academy and the Common Core

	<a href="#">Solving for a Variable</a> <a href="#">Solving for a Variable 2</a>	<a href="#">Variable</a>	<a href="#">CED.A.4</a>	
<b>Exponents and Roots</b>				
Multiplying/Dividing Monomials	<a href="#">Multiplying and Dividing Monomials 1</a> <a href="#">Multiplying and Dividing Monomials 2</a> <a href="#">Multiplying and Dividing Monomials 3</a>	<a href="#">Simplifying Rational Expressions 1</a>	<a href="#">CCSS.Math.Content.8.EE.A.1</a>	<a href="#">Ponzi Schemes Problem</a>
Evaluating Rational Exponents/Roots	<a href="#">Radical Equivalent to Rational Exponents</a> <a href="#">Simplifying with Exponent Properties</a> <a href="#">Negative Fractional Exponent Examples</a>	<a href="#">Understanding Fractional Exponents</a> <a href="#">Manipulating Fractional Exponents</a> <a href="#">Negative Fractional Exponents</a>	<a href="#">CCSS.Math.Content.HSN-RN.A.1</a>	<a href="#">Big and Small Numbers in the Physical World</a>
Monomials with Negative Exponents	<a href="#">Simplifying Expressions With Exponents</a> <a href="#">Simplifying Expressions With Exponents 2</a>	<a href="#">Simplifying Expressions With Exponents</a>	<a href="#">CCSS.Math.Content.8.EE.A.1</a>	<a href="#">Negative Power</a>
Simplifying Roots	<a href="#">Simplifying Square Roots</a> <a href="#">Radical Equivalent to Rational Exponents 2</a>	<a href="#">Simplifying Radicals</a>	<a href="#">CCSS.Math.Content.8.EE.A.2</a>	
Multiplying/Dividing Roots	<a href="#">Multiply and Simplify a Radical Expression 1</a> <a href="#">Multiply and Simplify a Radical Expression 2</a>	<a href="#">Multiplying Radicals</a>	<a href="#">CCSS.Math.Content.8.EE.A.2</a>	
Adding/Subtracting Roots	<a href="#">Adding and Simplifying Radicals</a> <a href="#">Subtracting and Simplifying Radicals</a>	<a href="#">Adding and Subtracting Radicals</a>	<a href="#">CCSS.Math.Content.8.EE.A.2</a>	
Scientific Notation	<a href="#">Scientific Notation Examples</a> <a href="#">Scientific Notation Example 1</a> <a href="#">Scientific Notation Example 2</a>	<a href="#">Scientific Notation</a> <a href="#">Multiplying and Dividing Scientific Notation</a>	<a href="#">CCSS.Math.Content.8.EE.A.4</a>	
Radical Equations	<a href="#">Solving Radical Equations</a> <a href="#">Solving Radical Equations 1</a> <a href="#">Solving Radical Equations 2</a> <a href="#">Solving Radical Equations 3</a>	<a href="#">Radical Equations</a> <a href="#">Extraneous Solutions to Radical Equations</a>	<a href="#">CCSS.Math.Content.HSA-REI.A.2</a>	
<b>Polynomials</b>				
Adding/Subtracting Polynomials	<a href="#">Adding and Subtracting Polynomials 1</a> <a href="#">Adding Polynomials With Multiple Variables</a>	<a href="#">Adding and Subtracting Polynomials</a>	<a href="#">CCSS.Math.Content.HSA-APR.A.1</a>	<a href="#">Finding Factors</a>
Multiplying Polynomials	<a href="#">Multiplying Binomials</a> <a href="#">Multiplying Polynomials</a>	<a href="#">Multiplying Polynomials</a> <a href="#">Multiplying Binomials 1</a> <a href="#">Multiplying Binomials 2</a>	<a href="#">CCSS.Math.Content.HSA-APR.A.1</a>	<a href="#">Difference of Squares Exploration (Plus/Minus)</a>
Distributive Property	<a href="#">Multiplying Monomials by Polynomials</a>		<a href="#">CCSS.Math.Content.HSA-APR.A.1</a>	<a href="#">Roots of Polynomials (Poly Fibs)</a>
Factoring Polynomials	<a href="#">Factoring Quadratic Expressions</a> <a href="#">Factoring Polynomials 1</a> <a href="#">Factoring Trinomials With a Common Factor</a>	<a href="#">Factoring Polynomials 1</a> <a href="#">Factoring Polynomials With Two Variables</a> <a href="#">Factoring Difference of Squares 2</a>	<a href="#">CCSS.Math.Content.HSA-SSE.B.3a</a>	<a href="#">Polynomial Relations</a>

## Alignment of Accuplacer Math Topics with Khan Academy and the Common Core

	<u>Factoring Difference of Squares</u>			
Dividing Polynomials	<u>Dividing Polynomials With Remainders</u> <u>Dividing Polynomials 1</u>	<u>Dividing Polynomials by Binomials 1</u> <u>Dividing Polynomials by Binomials 2</u> <u>Dividing Polynomials by Binomials 3</u>	<u>CCSS.Math.Content.HSA-APR.D.6</u>	
<b>Solving Equations and Inequalities</b>				
Solving Linear Equations	<u>Solving One-Step Equations</u> <u>Two-Step Equations</u> <u>Multi-Step Equation Example</u> <u>Solving Equations With the Distributive Property</u>	<u>One-Step Equations</u> <u>2-step Equations</u> <u>Multi-Step Equations With Distribution</u>	<u>CCSS.Math.Content.HSA-CED.A.1</u> <u>CCSS.Math.Content.HSA-REI.A.2</u> <u>CCSS.Math.Content.HSA-REI.B.3</u>	<u>Predicting Sports Records</u>  <u>Sky High Scrapers</u>
Solving Linear Inequalities	<u>One-Step Inequalities</u> <u>Interpreting Inequalities with Examples</u> <u>Multi-Step Inequalities 3</u>	<u>One-Step Inequalities</u> <u>Multi-Step Linear Inequalities</u>	<u>CCSS.Math.Content.HSA-CED.A.1</u> <u>CCSS.Math.Content.HSA-REI.B.3</u>	<u>Kitchen Paraboloids (Quadratics Problem)</u>
Solving Quadratics by Factoring	<u>Solving a Quadratic by Factoring</u> <u>Recognizing a Perfect Square Quadratic</u>	<u>Solving Quadratics by Factoring</u> <u>Solving Quadratics by Factoring 2</u>	<u>CCSS.Math.Content.HSA-SSE.B.3a</u> <u>CCSS.Math.Content.HSA-CED.A.1</u> <u>CCSS.Math.Content.HSA-REI.B.4</u>	<u>Agile Algebra: Challenging Equations</u>
Graphing Quadratics	<u>Graphing a Quadratic Function</u> <u>Graphs of Quadratic Functions</u>	<u>Graphs of Quadratic Functions</u> <u>Graphing Parabolas in Vertex Form</u>	<u>CCSS.Math.Content.HSA-APR.B.3</u>	
Solving Quad. by Completing the Square	<u>Solving Quadratics by Completing the Square</u>	<u>Completing the Square 1</u> <u>Completing the Square 2</u>	<u>CCSS.Math.Content.HSA-SSE.B.3b</u> <u>CCSS.Math.Content.HSA-REI.B.4a</u>	
Using the Quadratic Formula	<u>Using the Quadratic Formula</u> <u>Applying the Quadratic Formula</u>	<u>Quadratic Formula</u>	<u>CCSS.Math.Content.HSA-REI.B.4b</u>	
<b>Graphs and Linear Functions</b>				
Graphing Lines	<u>Graphing Lines 1</u> <u>Plotting x-y relationships</u> <u>Graphs of Linear Equations</u>	<u>Ordered Pair Solutions to Linear Equations</u> <u>Graphing Linear Equations</u>	<u>CCSS.Math.Content.HSA-REI.D.10</u>	<u>Math in Video Game Design</u>
Writing Equations of Lines	<u>Equation of a Line 1</u> <u>Equation of a Line from slope and point</u> <u>Equation of a Line from 2 points</u>	<u>Slope-Intercept Form</u>	<u>CCSS.Math.Content.8.F.B.4</u>	<u>Restaurant Management Problem</u>
Slopes and Intercepts	<u>x and y intercepts</u> <u>x and y intercepts 2</u> <u>Slope of a Line</u> <u>Graphical Slope of a Line</u>	<u>Solving for the y-intercept</u> <u>Solving for the x-intercept</u> <u>Identifying Slope of a Line</u>	<u>CCSS.Math.Content.HSA-REI.D.11</u>	<u>Temperature Equation</u>  <u>Parallel Lines</u>
Parallel and Perpendicular Lines	<u>Parallel Line Equation</u> <u>Perpendicular Line Slope</u> <u>Equations of Parallel and Perpendicular Lines</u>	<u>Equations of Parallel and Perpendicular Lines</u>		<u>Perpendicular Lines</u>

## Alignment of Accuplacer Math Topics with Khan Academy and the Common Core

	<a href="#">Parallel Lines 2</a>			
Scatter Plots and Lines of Best Fit	<a href="#">Fitting a Line to Data</a>	<a href="#">Estimating the Line of Best Fit</a>	<a href="#">CCSS.Math.Content.8.SP.A.1</a> <a href="#">CCSS.Math.Content.8.SP.A.2</a>	
Graphing Inequalities	<a href="#">Graphing Linear Inequalities in Two Variables 2</a> <a href="#">Graphing Linear Inequalities in Two Variables 3</a>	<a href="#">Graphs of Inequalities</a> <a href="#">Graphing and Solving Linear Inequalities</a>	<a href="#">CCSS.Math.Content.HSA-REI.D.12</a>	
Word Problems with Linear Equations	<a href="#">Basic Linear Equation Word Problems</a>	<a href="#">Linear Equation Word Problems</a>	<a href="#">CCSS.Math.Content.HSA-CED.A.1</a>	
<b>Systems of Equations</b>				
Solving Linear Systems by Graphing	<a href="#">Solving Systems Graphically</a>	<a href="#">Graphing Systems of Equations</a>	<a href="#">CCSS.Math.Content.HSA-CED.A.2</a> <a href="#">CCSS.Math.Content.HSA-REI.C.6</a>	<a href="#">Matchless Problem</a> <a href="#">Equations of Chemical Reactions</a>
Solving Linear Systems by Elimination	<a href="#">Solving Systems of Equations by Elimination</a> <a href="#">Solving Systems of Equations by Multiplication</a>	<a href="#">Systems of Equations with Elimination</a> <a href="#">Systems of Equations with Simple Elimination</a>	<a href="#">CCSS.Math.Content.HSA-CED.A.2</a> <a href="#">CCSS.Math.Content.HSA-REI.C.5</a>	
Solving Linear Systems by Substitution	<a href="#">The Substitution Method</a> <a href="#">Substitution Method 2</a> <a href="#">Substitution Method 3</a> <a href="#">Solving Systems by Substitution 2</a>	<a href="#">Systems of Equations with Substitution</a>	<a href="#">CCSS.Math.Content.HSA-CED.A.2</a>	
Graphing Systems of Inequalities	<a href="#">Graphical Systems of Inequalities</a> <a href="#">Graphing Systems of Inequalities</a> <a href="#">Graphing Systems of Inequalities 2</a>	<a href="#">Graphing Systems of Inequalities</a> <a href="#">Graphing and Solving Systems of Inequalities</a>	<a href="#">CCSS.Math.Content.HSA-CED.A.2</a>	
Solving Quadratic Systems	<a href="#">Non-Linear Systems of Equations 1</a> <a href="#">Non-Linear Systems of Equations 2</a> <a href="#">Non-Linear Systems of Equations 3</a>	<a href="#">Non-Linear Systems</a>	<a href="#">CCSS.Math.Content.HSA-REI.C.7</a>	
Systems of Equations Word Problems	<a href="#">Solving a Word Problem with Substitution</a> <a href="#">Mixture Problems</a> <a href="#">Systems and Rate Problems</a> <a href="#">Problem Solving Word Problems 2</a>	<a href="#">Systems of Equations Word Problems</a> <a href="#">Understanding Systems of Equations Word Problems</a>	<a href="#">CCSS.Math.Content.HSA-CED.A.2</a> <a href="#">CCSS.Math.Content.HSA-CED.A.3</a>	
<b>Functions</b>				
Definition of Function	<a href="#">Intro to Functions</a> <a href="#">Functional Relationships 1</a> <a href="#">Testing if a Relationship is a Function</a>	<a href="#">Recognizing Functions</a> <a href="#">Recognizing Functions 2</a>	<a href="#">CCSS.Math.Content.HSF-IF.A.1</a>	<a href="#">Painting by Functions</a> <a href="#">Equation Matcher</a>
Evaluating Functions	<a href="#">Evaluating with Function Notation</a> <a href="#">Evaluating a Function</a>	<a href="#">Understanding Function Notation</a>	<a href="#">CCSS.Math.Content.HSF-IF.A.2</a>	<a href="#">Motion Capture</a>
Graphs of Functions	<a href="#">Functions as Graphs</a> <a href="#">Graphing a Basic Function</a>	<a href="#">Views of a Function</a>	<a href="#">CCSS.Math.Content.HSF-IF.C.7</a>	
Domain and Range	<a href="#">Domain of a Function</a>	<a href="#">Domain of a Function</a>	<a href="#">CCSS.Math.Content.HSF-IF.B.5</a>	

## Alignment of Accuplacer Math Topics with Khan Academy and the Common Core

	<a href="#">Domain and Range of a Relation</a> <a href="#">Domain and Range of a Function Given a Formula</a>	<a href="#">Range of a Function</a> <a href="#">Domain and Range</a>		
Operations on Functions	<a href="#">Functions Part 2</a> <a href="#">Sum of Functions</a> <a href="#">Difference of Functions</a> <a href="#">Product of Functions</a> <a href="#">Quotient of Functions</a> <a href="#">Evaluating Composite Functions</a>	<a href="#">Evaluating Expressions With Function Notation</a> <a href="#">Evaluating Composite Functions</a>	<a href="#">CCSS.Math.Content.HSF-BF.A.1b</a> <a href="#">CCSS.Math.Content.HSF-BF.A.1c</a>	
Inverse Functions	<a href="#">Introduction to Function Inverses</a> <a href="#">Function Inverse Example 1</a> <a href="#">Function Inverse Example 2</a> <a href="#">Function Inverse Example 3</a>	<a href="#">Inverses of Functions</a>	<a href="#">CCSS.Math.Content.HSF-BF.B.4</a>	
<b>Rational Expressions</b>				
Simplifying Rational Expressions	<a href="#">Simplifying Rational Expressions 2</a> <a href="#">Simplifying Rational Expressions 3</a>	<a href="#">Simplifying Rational Expressions 2</a> <a href="#">Simplifying Rational Expressions 3</a>	<a href="#">CCSS.Math.Content.HSA-APR.D.7</a>	Graphs of Changing Areas (Rational Functions)
Multiplying/Dividing Rat'l Expressions	<a href="#">Multiplying and Dividing Rational Expressions 2</a> <a href="#">Multiplying and Dividing Rational Expressions 3</a>		<a href="#">CCSS.Math.Content.HSA-APR.D.7</a>	
Adding/Subtracting Rat'l Expressions	<a href="#">Adding and Subtracting Rational Expressions</a> <a href="#">Adding and Subtracting Rational Expressions 2</a> <a href="#">Adding and Subtracting Rational Expressions 3</a> <a href="#">Simplifying First for Subtracting Rational Expressions</a> <a href="#">Constructing Scale Drawings</a>		<a href="#">CCSS.Math.Content.HSA-APR.D.7</a>	
Simplifying Complex Fractions			<a href="#">CCSS.Math.Content.HSA-APR.D.7</a>	
Solving Rational Equations	<a href="#">Solving Rational Equations</a> <a href="#">Solving Rational Equations 2</a> <a href="#">Solving Rational Equations 3</a>		<a href="#">CCSS.Math.Content.HSA-CED.A.1</a>	
<b>Geometry and Measurement</b>				
Scale and	<a href="#">Interpreting Scale Drawings</a>	<a href="#">Interpreting Scale Drawings</a>	<a href="#">CCSS.Math.Content.3.MD.B.3</a>	<a href="#">Geometry Word</a>

## Alignment of Accuplacer Math Topics with Khan Academy and the Common Core

Measurement	<a href="#">Constructing Scale Drawings</a>	<a href="#">Constructing Scale Drawings</a>	<a href="#">CCSS.Math.Content.5.MD.A.1</a>	<a href="#">Problems from fi.edu</a>
Area, Perimeter, Circumference	<a href="#">Perimeter and Area Basics</a> <a href="#">Finding Dimensions from Area and Perimeter</a> <a href="#">Radius, Diameter and Circumference</a> <a href="#">Area of a Circle</a>	<a href="#">Area of Triangles 1</a> <a href="#">Area of Triangles 2</a> <a href="#">Area of Squares and Rectangles</a> <a href="#">Perimeter 1</a> <a href="#">Perimeter of Squares and Rectangles</a> <a href="#">Radius, Diameter and Circumference</a> <a href="#">Area of a Circle</a> <a href="#">Shaded Areas</a>	<a href="#">CCSS.Math.Content.HSG-MG.A.1</a>	<a href="#">Popcorn: Volume of Cylinders</a>  <a href="#">Fruit Boxes: Area and Volume Problem</a>
Pythagorean Theorem	<a href="#">The Pythagorean Theorem Intro</a> <a href="#">Pythagorean Theorem 2</a>	<a href="#">Pythagorean Theorem</a>	<a href="#">CCSS.Math.Content.8.G.B.7</a>	
Find Volume of Solids	<a href="#">Solid Geometry Volume</a> <a href="#">Cylinder Volume and Surface Area</a> <a href="#">Volume of a Sphere</a>	<a href="#">Solid Geometry</a> <a href="#">Area, Volume and Surface Area</a>	<a href="#">CCSS.Math.Content.HSG-GMD.A.3</a>	
Convert English/metric units	<a href="#">Applying the Metric System</a> <a href="#">Conversion Between Metric Units</a> <a href="#">Converting Units of Length</a>	<a href="#">Units</a>	<a href="#">CCSS.Math.Content.6.RP.A.3d</a>	
Word Problems in Geometry	<a href="#">Comparing Poster Area</a>	<a href="#">Area and Perimeter Word Problems</a>	<a href="#">CCSS.Math.Content.HSG-MG.A.3</a>	
<b>Statistics</b>				
Calculate Mean, Median, and Mode	<a href="#">Statistics Intro</a> <a href="#">Example: Finding Mean, Median and Mode</a>	<a href="#">Mean, Median and Mode</a> <a href="#">Exploring Mean and Median</a>	<a href="#">CCSS.Math.Content.HSS-ID.A.2</a>	<a href="#">Mean, Median and Mode Application Problems</a>
Mean/Average Word Problems	<a href="#">Exploring Mean, Median and Mode</a>	<a href="#">Average Word Problems</a>	<a href="#">CCSS.Math.Content.HSS-ID.A.2</a>	<a href="#">Open-Ended Mean Problem</a>
Interpret Graphs and Charts	<a href="#">Reading Bar Graphs</a> <a href="#">Histograms</a> <a href="#">Reading Line Graphs</a> <a href="#">Reading Pie Graphs (Circle Graphs)</a> <a href="#">Reading Pictographs</a>	<a href="#">Reading Bar Charts 1</a> <a href="#">Reading Bar Charts 2</a> <a href="#">Reading Stem and Leaf Plots</a> <a href="#">Reading Pictographs 1</a> <a href="#">Reading Pictographs 2</a>	<a href="#">CCSS.Math.Content.HSS-ID.A.1</a>	