

## Thinkwell's Homeschool Trigonometry

### Course Lesson Plan: 36 weeks

Welcome to Thinkwell's Homeschool Trigonometry! We're thrilled that you've decided to make us part of your homeschool curriculum. This lesson plan is meant to be a guide for you and your homeschool student. Each day, you'll tackle a different topic and all the materials associated with that topic, such as video lectures, exercises, notes, and sample problems. If you follow our day-by-day schedule, you'll complete the full curriculum for the course in 36 weeks. Feel free to modify and amend the plan as it best works for you. And, as always, please [let us know](#) what we can do to help get you up and running with Thinkwell's Trigonometry!

<b>Week 1</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 1, Day 1</u></b>	
<input type="checkbox"/> 1.1.1 Using the Cartesian System	
<b><u>Week 1, Day 2</u></b>	
<input type="checkbox"/> 1.1.2 Thinking Visually	
<b><u>Week 1, Day 3</u></b>	
<input type="checkbox"/> 1.2.1 Finding the Distance between Two Points	
<b><u>Week 1, Day 4</u></b>	
<input type="checkbox"/> 1.2.2 Finding the Second Endpoint of a Segment	
<b><u>Week 1, Day 5</u></b>	
<input type="checkbox"/> 1.3.1 Collinearity and Distance	

<b>Week 2</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 2, Day 1</u></b>	
<input type="checkbox"/> 1.3.2 Triangles	
<b><u>Week 2, Day 2</u></b>	
<input type="checkbox"/> 1.4.1 Finding the Center-Radius Form of the Equation of a Circle	
<b><u>Week 2, Day 3</u></b>	
<input type="checkbox"/> 1.4.2 Finding the Center and Radius of a Circle	
<b><u>Week 2, Day 4</u></b>	
<input type="checkbox"/> 1.4.3 Decoding the Circle Formula	
<b><u>Week 2, Day 5</u></b>	
<input type="checkbox"/> 1.4.4 Solving Word Problems Involving Circles	

<b>Week 3</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 3, Day 1</u></b>	
<input type="checkbox"/> 1.5.1 Graphing Equations by Locating Points	
<b><u>Week 3, Day 2</u></b>	
<input type="checkbox"/> 1.5.2 Finding the $x$ - and $y$ -Intercepts of an Equation	
<b><u>Week 3, Day 3</u></b>	
<input type="checkbox"/> 1.6.1 Functions and the Vertical Line Test	
<b><u>Week 3, Day 4</u></b>	
<input type="checkbox"/> 1.6.2 Identifying Functions	
<b><u>Week 3, Day 5</u></b>	
<input type="checkbox"/> 1.6.3 Function Notation and Finding Function Values	

<b>Week 4</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 4, Day 1</u></b>	
<input type="checkbox"/> 1.7.1 Determining Intervals Over Which a Function Is Increasing	
<b><u>Week 4, Day 2</u></b>	
<input type="checkbox"/> 1.7.2 Evaluating Piecewise-Defined Functions for Given Values	
<b><u>Week 4, Day 3</u></b>	
<input type="checkbox"/> 1.7.3 Solving Word Problems Involving Functions	
<b><u>Week 4, Day 4</u></b>	
<input type="checkbox"/> 1.8.1 Finding the Domain and Range of a Function	
<input type="checkbox"/> 1.8.2 Domain and Range: One Explicit Example	
<b><u>Week 4, Day 5</u></b>	
<input type="checkbox"/> 1.8.3 Satisfying the Domain of a Function	

<b>Week 5</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 5, Day 1</u></b>	
<input type="checkbox"/> 1.9.1 An Introduction to Slope	
<input type="checkbox"/> 1.9.2 Finding the Slope of a Line Given Two Points	
<b><u>Week 5, Day 2</u></b>	
<input type="checkbox"/> 1.9.3 Interpreting Slope from a Graph	
<b><u>Week 5, Day 3</u></b>	
<input type="checkbox"/> 1.9.4 Graphing a Line Using Point and Slope	
<b><u>Week 5, Day 4</u></b>	
<input type="checkbox"/> 1.10.1 Writing an Equation in Slope-Intercept Form	
<b><u>Week 5, Day 5</u></b>	
<input type="checkbox"/> 1.10.2 Writing an Equation Given Two Points	

<b>Week 6</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 6, Day 1</u></b>	
<input type="checkbox"/> 1.10.3 Writing an Equation in Point-Slope Form	
<b><u>Week 6, Day 2</u></b>	
<input type="checkbox"/> 1.10.4 Matching a Slope-Intercept Equation with Its Graph	
<b><u>Week 6, Day 3</u></b>	
<input type="checkbox"/> 1.10.5 Slope for Parallel and Perpendicular Lines	
<b><u>Week 6, Day 4</u></b>	
<input type="checkbox"/> 1.11.1 Graphing Some Important Functions	
<b><u>Week 6, Day 5</u></b>	
<input type="checkbox"/> 1.11.2 Graphing Piecewise-Defined Functions	

<b>Week 7</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 7, Day 1</u></b>	
<input type="checkbox"/> 1.11.3 Matching Equations with Their Graphs	
<b><u>Week 7, Day 2</u></b>	
<input type="checkbox"/> 1.12.1 Shifting Curves along Axes	
<b><u>Week 7, Day 3</u></b>	
<input type="checkbox"/> 1.12.2 Shifting or Translating Curves along Axes	
<b><u>Week 7, Day 4</u></b>	
<input type="checkbox"/> 1.12.3 Stretching a Graph	
<b><u>Week 7, Day 5</u></b>	
<input type="checkbox"/> 1.12.4 Graphing Quadratics Using Patterns	

<b>Week 8</b>	
Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 8, Day 1</u></b>	
<input type="checkbox"/> 1.13.1 Determining Symmetry	
<b><u>Week 8, Day 2</u></b>	
<input type="checkbox"/> 1.13.2 Reflections	
<b><u>Week 8, Day 3</u></b>	
<input type="checkbox"/> 1.13.3 Reflecting Specific Functions	
<b><u>Week 8, Day 4</u></b>	
<input type="checkbox"/> 1.14.1 Deconstructing the Graph of a Quadratic Function	
<b><u>Week 8, Day 5</u></b>	
<input type="checkbox"/> 1.14.2 Nice-Looking Parabolas	

<b>Week 9</b> Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 9, Day 1</u></b> <input type="checkbox"/> 1.14.3 Using Discriminants to Graph Parabolas	
<b><u>Week 9, Day 2</u></b> <input type="checkbox"/> 1.14.4 Maximum Height in the Real World	
<b><u>Week 9, Day 3</u></b> <input type="checkbox"/> 1.15.1 Finding the Vertex by Completing the Square	
<b><u>Week 9, Day 4</u></b> <input type="checkbox"/> 1.15.2 Using the Vertex to Write the Quadratic Equation	
<b><u>Week 9, Day 5</u></b> <input type="checkbox"/> 1.15.3 Finding the Maximum or Minimum of a Quadratic	

<b>Week 10</b> Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 10, Day 1</u></b> <input type="checkbox"/> 1.15.4 Graphing Parabolas	
<b><u>Week 10, Day 2</u></b> <input type="checkbox"/> 1.16.1 Using Operations on Functions	
<b><u>Week 10, Day 3</u></b> <input type="checkbox"/> 1.16.2 Composite Functions	
<b><u>Week 10, Day 4</u></b> <input type="checkbox"/> 1.16.3 Components of Composite Functions	
<b><u>Week 10, Day 5</u></b> <input type="checkbox"/> 1.16.4 Finding Functions That Form a Given Composite	

<b>Week 11</b> Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 11, Day 1</u></b> <input type="checkbox"/> 1.16.5 Finding the Difference Quotient of a Function	
<b><u>Week 11, Day 2</u></b> <input type="checkbox"/> 1.17.1 Understanding Rational Functions	
<b><u>Week 11, Day 3</u></b> <input type="checkbox"/> 1.17.2 Basic Rational Functions	
<b><u>Week 11, Day 4</u></b> <input type="checkbox"/> 1.18.1 Vertical Asymptotes	
<b><u>Week 11, Day 5</u></b> <input type="checkbox"/> 1.18.2 Horizontal Asymptotes	

<b>Week 12</b> Chapter 1: Algebraic Prerequisites	
Assignments	Notes
<b><u>Week 12, Day 1</u></b> <input type="checkbox"/> 1.18.3 Graphing Rational Functions	
<b><u>Week 12, Day 2</u></b> <input type="checkbox"/> 1.18.4 Graphing Rational Functions: More Examples	
<b><u>Week 12, Day 3</u></b> <input type="checkbox"/> 1.19.1 Understanding Inverse Functions	
<b><u>Week 12, Day 4</u></b> <input type="checkbox"/> 1.19.2 The Horizontal Line Test	
<b><u>Week 12, Day 5</u></b> <input type="checkbox"/> 1.19.3 Are Two Functions Inverses of Each Other?	

<b>Week 13</b> Chapter 1: Algebraic Prerequisites Chapter 1 Test	
Assignments	Notes
<b><u>Week 13, Day 1</u></b> <input type="checkbox"/> 1.19.4 Graphing the Inverse	
<b><u>Week 13, Day 2</u></b> <input type="checkbox"/> 1.20.1 Finding the Inverse of a Function	
<b><u>Week 13, Day 3</u></b> <input type="checkbox"/> 1.20.2 Finding the Inverse of a Function with Higher Powers	
<b><u>Week 13, Day 4</u></b> <input type="checkbox"/> Chapter 1 Practice Test	
<b><u>Week 13, Day 5</u></b> <input type="checkbox"/> Chapter 1 Test	Chapter 1 Test Score: _____

<b>Week 14</b> Chapter 2: The Trigonometric Functions	
Assignments	Notes
<b><u>Week 14, Day 1</u></b> <input type="checkbox"/> 2.1.1 Finding the Quadrant in Which an Angle Lies <input type="checkbox"/> 2.1.2 Finding Coterminal Angles	
<b><u>Week 14, Day 2</u></b> <input type="checkbox"/> 2.1.3 Finding the Complement and Supplement of an Angle	
<b><u>Week 14, Day 3</u></b> <input type="checkbox"/> 2.1.4 Converting between Degrees and Radians	
<b><u>Week 14, Day 4</u></b> <input type="checkbox"/> 2.1.5 Using the Arc Length Formula	
<b><u>Week 14, Day 5</u></b> <input type="checkbox"/> 2.2.1 An Introduction to the Trigonometric Functions	

<b>Week 15</b> Chapter 2: The Trigonometric Functions	
Assignments	Notes
<b><u>Week 15, Day 1</u></b> <input type="checkbox"/> 2.2.2 Evaluating Trigonometric Functions for an Angle in a Right Triangle	
<b><u>Week 15, Day 2</u></b> <input type="checkbox"/> 2.2.3 Finding an Angle Given the Value of a Trigonometric Function	
<b><u>Week 15, Day 3</u></b> <input type="checkbox"/> 2.2.4 Using Trigonometric Functions to Find Unknown Sides of Right Triangles <input type="checkbox"/> 2.2.5 Finding the Height of a Building	
<b><u>Week 15, Day 4</u></b> <input type="checkbox"/> 2.3.1 Evaluating Trigonometric Functions for an Angle in the Coordinate Plane	
<b><u>Week 15, Day 5</u></b> <input type="checkbox"/> 2.3.2 Evaluating Trigonometric Functions Using the Reference Angle	

<b>Week 16</b> Chapter 2: The Trigonometric Functions	
Assignments	Notes
<b><u>Week 16, Day 1</u></b> <input type="checkbox"/> 2.3.3 Finding the Value of Trigonometric Functions Given Information about the Values of Other Trigonometric Functions	
<b><u>Week 16, Day 2</u></b> <input type="checkbox"/> 2.3.4 Trigonometric Functions of Important Angles	
<b><u>Week 16, Day 3</u></b> <input type="checkbox"/> 2.4.1 An Introduction to the Graphs of Sine and Cosine Functions <input type="checkbox"/> 2.4.2 Graphing Sine or Cosine Functions with Different Coefficients	
<b><u>Week 16, Day 4</u></b> <input type="checkbox"/> 2.4.3 Finding Maximum and Minimum Values and Zeros of Sine and Cosine	
<b><u>Week 16, Day 5</u></b> <input type="checkbox"/> 2.4.4 Solving Word Problems Involving Sine or Cosine Functions	

<b>Week 17</b> Chapter 2: The Trigonometric Functions	
Assignments	Notes
<b><u>Week 17, Day 1</u></b> <input type="checkbox"/> 2.5.1 Graphing Sine and Cosine Functions with Phase Shifts	

<b><u>Week 17, Day 2</u></b> <input type="checkbox"/> 2.5.2 Fancy Graphing: Changes in Period, Amplitude, Vertical Shift, and Phase Shift	
<b><u>Week 17, Day 3</u></b> <input type="checkbox"/> 2.6.1 Graphing the Tangent, Secant, Cosecant, and Cotangent Functions	
<b><u>Week 17, Day 4</u></b> <input type="checkbox"/> 2.6.2 Fancy Graphing: Tangent, Secant, Cosecant, and Cotangent <input type="checkbox"/> 2.6.3 Identifying a Trigonometric Function from its Graph	
<b><u>Week 17, Day 5</u></b> <input type="checkbox"/> 2.7.1 An Introduction to Inverse Trigonometric Functions	

<b>Week 18</b> Chapter 2: The Trigonometric Functions Chapter 2 Test	
Assignments	Notes
<b><u>Week 18, Day 1</u></b> <input type="checkbox"/> 2.7.2 Evaluating Inverse Trigonometric Functions	
<b><u>Week 18, Day 2</u></b> <input type="checkbox"/> 2.7.3 Solving an Equation Involving an Inverse Trigonometric Function	
<b><u>Week 18, Day 3</u></b> <input type="checkbox"/> 2.7.4 Evaluating the Composition of a Trigonometric Function and Its Inverse <input type="checkbox"/> 2.7.5 Applying Trigonometric Functions: Is He Speeding?	
<b><u>Week 18, Day 4</u></b> <input type="checkbox"/> Chapter 2 Practice Test	
<b><u>Week 18, Day 5</u></b> <input type="checkbox"/> Chapter 2 Test	Chapter 2 Test Score: _____

<b>Week 19</b> Chapter 3: Trigonometric Identities	
Assignments	Notes
<b><u>Week 19, Day 1</u></b> <input type="checkbox"/> 3.1.1 Fundamental Trigonometric Identities <input type="checkbox"/> 3.1.2 Finding All Function Values	
<b><u>Week 19, Day 2</u></b> <input type="checkbox"/> 3.2.1 Simplifying a Trigonometric Expression Using Trigonometric Identities	
<b><u>Week 19, Day 3</u></b> <input type="checkbox"/> 3.2.2 Simplifying Trigonometric Expressions Involving Fractions	
<b><u>Week 19, Day 4</u></b> <input type="checkbox"/> 3.2.3 Simplifying Products of Binomials Involving Trigonometric Functions	

<b>Week 19, Day 5</b>	
<input type="checkbox"/> 3.2.4 Factoring Trigonometric Expressions	

<b>Week 20</b>	
Chapter 3: Trigonometric Identities	
Assignments	Notes
<b>Week 20, Day 1</b>	
<input type="checkbox"/> 3.2.5 Determining Whether a Trigonometric Function Is Odd, Even, or Neither	
<b>Week 20, Day 2</b>	
<input type="checkbox"/> 3.3.1 Proving an Identity	
<input type="checkbox"/> 3.3.2 Proving an Identity: Other Examples	
<b>Week 20, Day 3</b>	
<input type="checkbox"/> 3.4.1 Solving Trigonometric Equations	
<b>Week 20, Day 4</b>	
<input type="checkbox"/> 3.4.2 Solving Trigonometric Equations by Factoring	
<b>Week 20, Day 5</b>	
<input type="checkbox"/> 3.4.3 Solving Trigonometric Equations with Coefficients in the Argument	

<b>Week 21</b>	
Chapter 3: Trigonometric Identities	
Assignments	Notes
<b>Week 21, Day 1</b>	
<input type="checkbox"/> 3.4.4 Solving Trigonometric Equations Using the Quadratic Formula	
<b>Week 21, Day 2</b>	
<input type="checkbox"/> 3.4.5 Solving Word Problems Involving Trigonometric Equations	
<b>Week 21, Day 3</b>	
<input type="checkbox"/> 3.5.1 Identities for Sums and Differences of Angles	
<b>Week 21, Day 4</b>	
<input type="checkbox"/> 3.5.2 Using Sum and Difference Identities	
<input type="checkbox"/> 3.5.3 Using Sum and Difference Identities to Simplify an Expression	
<b>Week 21, Day 5</b>	
<input type="checkbox"/> 3.6.1 Confirming a Double-Angle Identity	

<b>Week 22</b>	
Chapter 3: Trigonometric Identities	
Assignments	Notes
<b>Week 22, Day 1</b>	
<input type="checkbox"/> 3.6.2 Using Double-Angle Identities	

<b><u>Week 22, Day 2</u></b> <input type="checkbox"/> 3.6.3 Solving Word Problems Involving Multiple-Angle Identities	
<b><u>Week 22, Day 3</u></b> <input type="checkbox"/> 3.7.1 Using a Cofunction Identity	
<b><u>Week 22, Day 4</u></b> <input type="checkbox"/> 3.7.2 Using a Power-Reducing Identity	
<b><u>Week 22, Day 5</u></b> <input type="checkbox"/> 3.7.3 Using Half-Angle Identities to Solve a Trigonometric Equation	

<b>Week 23</b> Chapter 3 Test Midterm Exam	
Assignments	Notes
<b><u>Week 23, Day 1</u></b> <input type="checkbox"/> Chapter 3 Practice Test	
<b><u>Week 23, Day 2</u></b> <input type="checkbox"/> Chapter 3 Test	Chapter 3 Test Score: _____
<b><u>Week 23, Day 3</u></b> <input type="checkbox"/> Study for Midterm Exam	
<b><u>Week 23, Day 4</u></b> <input type="checkbox"/> Practice Midterm	
<b><u>Week 23, Day 5</u></b> <input type="checkbox"/> Midterm Exam	Midterm Exam Score: _____

<b>Week 24</b> Chapter 4: Applications of Trigonometry	
Assignments	Notes
<b><u>Week 24, Day 1</u></b> <input type="checkbox"/> 4.1.1 The Law of Sines <input type="checkbox"/> 4.1.2 Solving a Triangle Given Two Sides and One Angle	
<b><u>Week 24, Day 2</u></b> <input type="checkbox"/> 4.1.3 Solving a Triangle (SAS): Another Example	
<b><u>Week 24, Day 3</u></b> <input type="checkbox"/> 4.1.4 The Law of Sines: An Application	
<b><u>Week 24, Day 4</u></b> <input type="checkbox"/> 4.2.1 The Law of Cosines	
<b><u>Week 24, Day 5</u></b> <input type="checkbox"/> 4.2.2 The Law of Cosines (SSS) <input type="checkbox"/> 4.2.3 The Law of Cosines (SAS): An Application	

<b>Week 25</b> Chapter 4: Applications of Trigonometry	
Assignments	Notes
<b><u>Week 25, Day 1</u></b> <input type="checkbox"/> 4.2.4 Heron's Formula	
<b><u>Week 25, Day 2</u></b> <input type="checkbox"/> 4.3.1 An Introduction to Vectors <input type="checkbox"/> 4.3.2 Finding the Magnitude and Direction of a Vector	
<b><u>Week 25, Day 3</u></b> <input type="checkbox"/> 4.3.3 Vector Addition and Scalar Multiplication	
<b><u>Week 25, Day 4</u></b> <input type="checkbox"/> 4.4.1 Finding the Components of a Vector	
<b><u>Week 25, Day 5</u></b> <input type="checkbox"/> 4.4.2 Finding a Unit Vector <input type="checkbox"/> 4.4.3 Solving Word Problems Involving Velocity or Forces	

<b>Week 26</b> Chapter 4 Test Chapter 5: Complex Numbers and Polar Coordinates	
Assignments	Notes
<b><u>Week 26, Day 1</u></b> <input type="checkbox"/> Chapter 4 Practice Test	
<b><u>Week 26, Day 2</u></b> <input type="checkbox"/> Chapter 4 Test	Chapter 4 Test Score: _____
<b><u>Week 26, Day 3</u></b> <input type="checkbox"/> 5.1.1 Introducing and Writing Complex Numbers <input type="checkbox"/> 5.1.2 Rewriting Powers of $i$	
<b><u>Week 26, Day 4</u></b> <input type="checkbox"/> 5.1.3 Adding and Subtracting Complex Numbers	
<b><u>Week 26, Day 5</u></b> <input type="checkbox"/> 5.1.4 Multiplying Complex Numbers	

<b>Week 27</b> Chapter 5: Complex Numbers and Polar Coordinates	
Assignments	Notes
<b><u>Week 27, Day 1</u></b> <input type="checkbox"/> 5.1.5 Dividing Complex Numbers	
<b><u>Week 27, Day 2</u></b> <input type="checkbox"/> 5.2.1 Graphing a Complex Number and Finding Its Absolute Value <input type="checkbox"/> 5.2.2 Expressing a Complex Number in Trigonometric or Polar Form	

<b><u>Week 27, Day 3</u></b> <input type="checkbox"/> 5.2.3 Multiplying and Dividing Complex Numbers in Trigonometric or Polar Form	
<b><u>Week 27, Day 4</u></b> <input type="checkbox"/> 5.3.1 Using DeMoivre's Theorem to Raise a Complex Number to a Power	
<b><u>Week 27, Day 5</u></b> <input type="checkbox"/> 5.3.2 Roots of Complex Numbers	

<b>Week 28</b> Chapter 5: Complex Numbers and Polar Coordinates Chapter 5 Test	
Assignments	Notes
<b><u>Week 28, Day 1</u></b> <input type="checkbox"/> 5.3.3 More Roots of Complex Numbers <input type="checkbox"/> 5.3.4 Roots of Unity	
<b><u>Week 28, Day 2</u></b> <input type="checkbox"/> 5.4.1 An Introduction to Polar Coordinates	
<b><u>Week 28, Day 3</u></b> <input type="checkbox"/> 5.4.2 Converting between Polar and Rectangular Coordinates <input type="checkbox"/> 5.4.3 Graphing Simple Polar Equations	
<b><u>Week 28, Day 4</u></b> <input type="checkbox"/> Chapter 5 Practice Test	
<b><u>Week 28, Day 5</u></b> <input type="checkbox"/> Chapter 5 Test	Chapter 5 Test Score: _____

<b>Week 29</b> Chapter 6: Exponential and Logarithmic Functions	
Assignments	Notes
<b><u>Week 29, Day 1</u></b> <input type="checkbox"/> 6.1.1 An Introduction to Exponential Functions <input type="checkbox"/> 6.1.2 Graphing Exponential Functions: Useful Patterns	
<b><u>Week 29, Day 2</u></b> <input type="checkbox"/> 6.1.3 Graphing Exponential Functions: More Examples	
<b><u>Week 29, Day 3</u></b> <input type="checkbox"/> 6.2.1 Using Properties of Exponents to Solve Exponential Equations	
<b><u>Week 29, Day 4</u></b> <input type="checkbox"/> 6.2.2 Finding Present Value and Future Value Equations	
<b><u>Week 29, Day 5</u></b> <input type="checkbox"/> 6.2.3 Finding an Interest Rate to Match Given Goals	

<b>Week 30</b>	
Chapter 6: Exponential and Logarithmic Functions	
Assignments	Notes
<b><u>Week 30, Day 1</u></b>	
<input type="checkbox"/> 6.3.1 $e$	
<input type="checkbox"/> 6.3.2 Applying Exponential Functions	
<b><u>Week 30, Day 2</u></b>	
<input type="checkbox"/> 6.4.1 An Introduction to Logarithmic Functions	
<b><u>Week 30, Day 3</u></b>	
<input type="checkbox"/> 6.4.2 Converting between Exponential and Logarithmic Functions	
<b><u>Week 30, Day 4</u></b>	
<input type="checkbox"/> 6.5.1 Finding the Value of a Logarithmic Function	
<b><u>Week 30, Day 5</u></b>	
<input type="checkbox"/> 6.5.2 Solving for $x$ in Logarithmic Equations	
<input type="checkbox"/> 6.5.3 Graphing Logarithmic Functions	

<b>Week 31</b>	
Chapter 6: Exponential and Logarithmic Functions	
Assignments	Notes
<b><u>Week 31, Day 1</u></b>	
<input type="checkbox"/> 6.5.4 Matching Logarithmic Functions with Their Graphs	
<b><u>Week 31, Day 2</u></b>	
<input type="checkbox"/> 6.6.1 Properties of Logarithms	
<b><u>Week 31, Day 3</u></b>	
<input type="checkbox"/> 6.6.2 Expanding a Logarithmic Expression Using Properties	
<b><u>Week 31, Day 4</u></b>	
<input type="checkbox"/> 6.6.3 Combining Logarithmic Expressions	
<b><u>Week 31, Day 5</u></b>	
<input type="checkbox"/> 6.7.1 Evaluating Logarithmic Functions Using a Calculator	
<input type="checkbox"/> 6.7.2 Using the Change of Base Formula	

<b>Week 32</b>	
Chapter 6: Exponential and Logarithmic Functions	
Assignments	Notes
<b><u>Week 32, Day 1</u></b>	
<input type="checkbox"/> 6.8.1 The Richter Scale	
<input type="checkbox"/> 6.8.2 The Distance Modulus Formula	
<b><u>Week 32, Day 2</u></b>	
<input type="checkbox"/> 6.9.1 Solving Exponential Equations	
<b><u>Week 32, Day 3</u></b>	
<input type="checkbox"/> 6.9.2 Solving Logarithmic Equations	
<b><u>Week 32, Day 4</u></b>	
<input type="checkbox"/> 6.9.3 Solving Equations with Logarithmic Exponents	

<b>Week 32, Day 5</b> <input type="checkbox"/> 6.10.1 Compound Interest <input type="checkbox"/> 6.10.2 Predicting Change	
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<b>Week 33</b> Chapter 6: Exponential and Logarithmic Functions Chapter 6 Test	
Assignments	Notes
<b>Week 33, Day 1</b> <input type="checkbox"/> 6.11.1 An Introduction to Exponential Growth and Decay	
<b>Week 33, Day 2</b> <input type="checkbox"/> 6.11.2 Half-Life <input type="checkbox"/> 6.11.3 Newton's Law of Cooling	
<b>Week 33, Day 3</b> <input type="checkbox"/> 6.11.4 Continuously Compounded Interest	
<b>Week 33, Day 4</b> <input type="checkbox"/> Chapter 6 Practice Test	
<b>Week 33, Day 5</b> <input type="checkbox"/> Chapter 6 Test	Chapter 6 Test Score: _____

<b>Week 34</b> Chapter 7: Conic Sections	
Assignments	Notes
<b>Week 34, Day 1</b> <input type="checkbox"/> 7.1.1 An Introduction to Conic Sections <input type="checkbox"/> 7.1.2 An Introduction to Parabolas	
<b>Week 34, Day 2</b> <input type="checkbox"/> 7.1.3 Determining Information about a Parabola from Its Equation	
<b>Week 34, Day 3</b> <input type="checkbox"/> 7.1.4 Writing an Equation for a Parabola	
<b>Week 34, Day 4</b> <input type="checkbox"/> 7.2.1 An Introduction to Ellipses	
<b>Week 34, Day 5</b> <input type="checkbox"/> 7.2.2 Finding the Equation for an Ellipse	

<b>Week 35</b> Chapter 7: Conic Sections	
Assignments	Notes
<b>Week 35, Day 1</b> <input type="checkbox"/> 7.2.3 Applying Ellipses: Satellites	
<b>Week 35, Day 2</b> <input type="checkbox"/> 7.3.1 An Introduction to Hyperbolas	

<b><u>Week 35, Day 3</u></b> <input type="checkbox"/> 7.3.2 Finding the Equation for a Hyperbola	
<b><u>Week 35, Day 4</u></b> <input type="checkbox"/> 7.3.3 Applying Hyperbolas: Navigation	
<b><u>Week 35, Day 5</u></b> <input type="checkbox"/> 7.4.1 Identifying a Conic <input type="checkbox"/> 7.4.2 Name That Conic	

<b>Week 36</b> Chapter 7 Test Final Exam	
Assignments	Notes
<b><u>Week 36, Day 1</u></b> <input type="checkbox"/> Chapter 7 Practice Test	
<b><u>Week 36, Day 2</u></b> <input type="checkbox"/> Chapter 7 Test	Chapter 7 Test Score: _____
<b><u>Week 36, Day 3</u></b> <input type="checkbox"/> Study for Final Exam	
<b><u>Week 36, Day 4</u></b> <input type="checkbox"/> Practice Final	
<b><u>Week 36, Day 5</u></b> <input type="checkbox"/> Final Exam	Final Exam Score: _____