**Secondary Math 2 Honors – Term 1**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Wednesday, August 23, 2017** | Welcome Disclosure DocumentIntro Assignment (1.0) | Nothing | * [Landis Disclosure Document](https://docs.google.com/forms/d/e/1FAIpQLSfn7eTgZuAZ0nkqvf5Y899XBTLEVHELdiEcN7ctSfEn1pQmyQ/viewform)
* [Getting to know you question](https://drive.google.com/open?id=0B82m6MHC1zXuVTJsNS04aVY4Mm8)
* [Review Quiz Study Guide](https://drive.google.com/open?id=0B82m6MHC1zXuLWpndUkwYlE0SHM)
* [Welcome Letter](http://landismath.weebly.com/welcome-letter.html)
* [1.0 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuVmR4b0QtYUhSWDQ)
* [1.0 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubG90dk5oTVZPR28)
* **Start Module 1**
 | **Videos**:* [1.0 Video Notes](https://drive.google.com/open?id=0B82m6MHC1zXuak8yTVBNM2RXbWs)
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**Unit 1: Proving Geometric Theorems and Triangle Similarity**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Friday, August 25, 2017** | 1.1 – Proofs about angles and lines | * **Review Quiz #1**
* 1.0 Homework
* Welcome Letter
 | * [1.1 Notes](https://drive.google.com/open?id=0B82m6MHC1zXud0d0aUR1aWRWQkE)
* [1.1 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuaVlIanNaTGtoWjQ)
* [1.1 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuMXZvSlBmM3RfTGc)
* [1.1 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuRGV3bXY1UGFBRGs)
 | **Videos**:* [Angles Vocab](https://drive.google.com/open?id=0B82m6MHC1zXuRGRJZ0xWZW9YQzQ)
* [Setting up & solving equations](https://drive.google.com/open?id=0B82m6MHC1zXuZWhFQTZIbi1vMGM)
* [Proof of Vertical Angle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuTWd4YnVnQ2RDOGs)
* [Prove thms with parallel lines](https://drive.google.com/open?id=0B82m6MHC1zXuQ3Z4c0VQSVRxaVk)
 |
| **Tuesday, August 29, 2017** | 1.2 – Proofs about Triangles**S.E.T. Plan**:Review Proofs | * **Review Quiz #1 (Take 2)**
* 1.1 Assignment
 | * [1.2 Notes](https://drive.google.com/open?id=0B82m6MHC1zXubl9WZFVQSFlVODg)
* [1.2 Notes worked out](https://drive.google.com/open?id=0B82m6MHC1zXuRlFHaUhDSngtenc)
* [1.2 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuM2lNWmNJQnA5a0k)
* [1.2 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXucGNxamJJSWlrT0U)
 | **Videos**:* [Using Triangle Sum Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuY3c0eS1ob3UxQXc)
* [Using Exterior Angle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuNXo2Ykx4X3FRY1E)
* [Using Isosceles Triangle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuWWVfZ1Mxdy1kVUk)
* [Using Mid-segment Theorem](https://drive.google.com/open?id=0B82m6MHC1zXucTdKRkwxSTV5ekU)
* [Proof of Triangle Angle Sum Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuYVlFek9FOU9Ib28)
* [Proof of Triangle Exterior Angle Thm](https://drive.google.com/open?id=0B82m6MHC1zXuVTJRNDRZMTVnNGc)
* [Proof of Isosceles Triangle Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuUElRN1hnRU5QZTg)
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| **Thursday, August 31, 2017** | 1.3 – Proofs about Parallelograms | * **Review Quiz #2**
* 1.2 Assignment
 | * [1.3 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuTnNBNFdVODE2MHM)
* [1.3 Notes worked out](https://drive.google.com/open?id=0B82m6MHC1zXuT0FaM21JMC0tRTQ)
* [1.3 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuRGEwTWZ0bnpkYXc)
* [1.3 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubGtFMi01M2lxa2M)
 | **Videos**:* [Using Properties of Parallelograms](https://drive.google.com/open?id=0B82m6MHC1zXuU2xqb1UwTDR0cmM)
* [Proofs about Parallelogram](https://drive.google.com/open?id=0B82m6MHC1zXud280LURybVRTVU0)
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| **Sept 4, 2017** | **NO SCHOOL – Labor Day** |
| **Tuesday, September 5, 2017** | **Unit 1 Big Quiz** **(Focus on proofs)****Module 1 Work Day** | * 1.3 Assignment
* **Unit 1 Quiz**
 | * **Work on Module 1**
 | None |
| **Thursday, September 7, 2017** | 1.4-Prove similarity & Proportionality  | * **Review Quiz #2 (Take 2)**
 | * [1.4 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuOGRXaFNUNXF5OUU)
* [1.4 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXubXNfdERXTTFOUGs)
* [1.4 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXua2dRVFdCVkROOFU)
* [1.4 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubXNfdERXTTFOUGs)
 | **Videos**:* [Using Triangle Proportionality Thm](https://drive.google.com/open?id=0B82m6MHC1zXuRC1uZ3gtRi1qTDQ)
* [Using the Angle Bisector Thm](https://drive.google.com/open?id=0B82m6MHC1zXuX2FQcXZiNUxxMmc)
* [Determine if two lines are parallel](https://drive.google.com/open?id=0B82m6MHC1zXuZFhqb2dmaXZXQzg)
* [The 3 similarity statements](https://drive.google.com/open?id=0B82m6MHC1zXuYWwyYS1rUjVzSzQ)
* [Identifying Similar triangles](https://drive.google.com/open?id=0B82m6MHC1zXub2RVTlFKcVFaXzA)
* [Solving for x using similar triangles](https://drive.google.com/open?id=0B82m6MHC1zXuUjdFel9MM2ZVOVk)
* [Applications using similar triangles](https://drive.google.com/open?id=0B82m6MHC1zXuVzRaMWI4NU1wZXM)
 |
| **Monday, September 11, 2017** | 1.5-Geometric Mean | * **Review Quiz #3**
* 1.4 Assignment
 | * [1.5 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuV0dRb29IOXhkdVk)
* [1.5 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuZFlHekZQbGh3ekE)
* [1.5 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuVGVqMXFwLUNTR1U)
* [1.5 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubDk0dW9JQlNUVUU)
 | **Videos**:* [Geometric Mean and Proof of the Pythagorean Theorem](https://drive.google.com/open?id=0B82m6MHC1zXuZU5fbFZOWXM4Wnc)
* [Using the Pythagorean Theorem](https://drive.google.com/open?id=0B82m6MHC1zXudWwzYkN4NVhuaGs)
* [Solving for x (Basic cases)](https://drive.google.com/open?id=0B82m6MHC1zXuTU1LWTBBT2s2RFk)
* [Solving for multiple side](https://drive.google.com/open?id=0B82m6MHC1zXudzVyeTh2MHY0QUU)
 |
| **Wednesday, September 13, 2017** | **Unit 1 Formative Assessment***Parent Teacher Conf.* | * 1.5 Assignment
 | * [Unit 1 Theorems Handout](https://drive.google.com/open?id=0B82m6MHC1zXuRm1zZFQySWtsbG8)
* **Work on Module 1**
 | * [How to study for a test](http://twilkie.weebly.com/study-for-a-test.html)
* [Unit 1 Review](https://drive.google.com/open?id=0B82m6MHC1zXuSzVld091ODJqSkk)
* [Unit 1 Review Key](https://drive.google.com/open?id=0B82m6MHC1zXuaHpOX0hoUmZUSGM)
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| **Friday, September 15, 2017** | Grade Unit 1 Formative Assessment*Fall Pep Assembly***Module 1 Test Today** | **Last day to turn in any Unit 1 Late work for 70% credit*** **Module 1 DUE**
 | * **Start Module 2**
 | None |

**Unit 2: Circles**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Tuesday, September 19, 2017** | 2.1 Circles, Arcs, Arc Length, Area | * **Review Quiz #4**
 | * [2.1 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuLWRqOHZ3R2FzbXc)
* [2.1 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXucDlwRjc2TjItaE0)
* [2.1 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuamFGZ3Ewc2MwOGM)
* [2.1 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuRHR6X2JGUHkybGM)
 | **Videos**:* [Circle Vocabulary](https://drive.google.com/open?id=0B82m6MHC1zXuQ25oUGlDX1pxcWs)
* [3 Types of Angles we will look at](https://drive.google.com/open?id=0B82m6MHC1zXuVVowYkRBLTZHRGs)
* [Guided Practice #1](https://drive.google.com/open?id=0B82m6MHC1zXuQ2l4a1M4Um04eWc)
* [Guided Practice #2](https://drive.google.com/open?id=0B82m6MHC1zXuSWtCSW5CV2s1N1k)
* [Guided Practice #3](https://drive.google.com/open?id=0B82m6MHC1zXuVUIzSHRVSmdCWjA)
* [Finding arc length and area of sector](https://drive.google.com/open?id=0B82m6MHC1zXuREl6c09YRThUWnc)
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| **Thursday, September 21, 2017** | 2.2-Tangent Lines | * **Review Quiz #4 (Take 2)**
* 2.1 Homework
 | * [2.2 Notes](https://drive.google.com/open?id=0B82m6MHC1zXudjF4RGZnMW1rQUk)
* [2.2 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuZzN0VWNkVkZ5STQ)
* [2.2 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuTGd5dWREMU05dkU)
* [2.2 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXucnNUTUFob2Q4WEk)
 | **Videos**:* [Review Multiplying Binomials](https://drive.google.com/open?id=0B82m6MHC1zXuR05wN05yd3lOS2M)
* [Vocab: Properties of Tangent Lines](https://drive.google.com/open?id=0B82m6MHC1zXuMVhCZ2NGYTdzbHM)
* [Example Set #1](https://drive.google.com/open?id=0B82m6MHC1zXuTVM5cGRydUFsck0)
* [Example Set #2](https://drive.google.com/open?id=0B82m6MHC1zXuTzFUNEhIeGd1WGs)
* [Example Set #3](https://drive.google.com/open?id=0B82m6MHC1zXudzJ2UFFIT1FYbU0)
* [Two tangent lines intersect](https://drive.google.com/open?id=0B82m6MHC1zXuTXFqUHIyc2J5cUE)
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| **Monday, September 25, 2017** | 2.3-Equations of circles**S.E.T. Plan**: Study for test | * 2.2 Homework
 | * [2.3 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuclRScHlUWDR2OTg)
* [2.3 Notes Worked Out](https://drive.google.com/open?id=0B82m6MHC1zXuMkplczlxM0Y1NnM)
* [2.3 Assign & Key](https://drive.google.com/open?id=0B82m6MHC1zXuZXpCazJtNHhSZFU)
 | **Videos**:* [How we get the equation of a circle](https://drive.google.com/open?id=0B82m6MHC1zXuOXZOTUZ5T1pJY00)
* [Write the equation of a circle](https://drive.google.com/open?id=0B82m6MHC1zXuOTctaXRiV1k2VHM)
* [Graphing a circle](https://drive.google.com/open?id=0B82m6MHC1zXuUWJlRlhjUTJjOVE)
 |
| **Wednesday, September 27, 2017** | **Unit** 2 **Formative Assessment** | * 2.3 Assignment
 | * **Work on Module 2**
 | * [How to study for a test](http://twilkie.weebly.com/study-for-a-test.html)
* [Unit 2 Review](https://drive.google.com/open?id=0B82m6MHC1zXuWXBXQnJZUUZiN3c)
* [Unit 2 Review Key](https://drive.google.com/open?id=0B82m6MHC1zXuUEVBZ3p0RWJHaVk)
 |
| **Friday, September 29, 2017** | Grade Unit 2 Formative Assessment**Term 1 Summative Assessment Review** | **Last day to turn in any Unit** 2 **Late work for 70% credit** | * [3.0 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuUlJwUWlZNFhXdG8)
* [3.0 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubDNOX3ZSM2lwenc)
 | None |

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| **Tuesday, October 3, 2017** | **College Day – lost day of instruction** |
| **Thursday, October 5, 2017** | **Term 1 Summative Assessment Today!!!** |

**Unit 3: Exponent Rules**

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| **Date** | **Lesson/Topic** | **What is due today** | **Assignments/Handouts** | **Resources** |
| **Monday, October 9, 2017** | 3.1-Exponent Rules | * 3.0 Homework
 | * [3.1 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuSmJ5Y3pNekFkU0k)
* [3.1 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuaDBzZEgwNURKNnc)
* [3.1 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuNEpTZi1xWjhZcXM)
* [3.1 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuTXRQeVRqa2FJWDQ)
 | **Videos**:* [Vocabulary: Exponent Rules](https://drive.google.com/open?id=0B82m6MHC1zXuSFhOWFRkcEdNMVE)
* [Guided Practice (#1-3)](https://drive.google.com/open?id=0B82m6MHC1zXuSERONUhQX0dTYlk)
* [Guided Practice (#4-5)](https://drive.google.com/open?id=0B82m6MHC1zXuTXctWGg3WUY3cDQ)
* [Guided Practice (#6)](https://drive.google.com/open?id=0B82m6MHC1zXuYUtYSVJrTTI0cnM)
 |
| **Wednesday, October 11, 2017** | 3.2-Rational Exponents | * 3.1 Homework
 | * [3.2 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuTWlxM25rS3lxZlE)
* [3.2 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuVDJnWjdSOU43VE0)
* [3.2 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXuaEpQRjB6UUFKNG8)
* [3.2 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXuSmJ5Y3pNekFkU0k)
 | **Videos**:* [Guided Practice (#1-3)](https://drive.google.com/open?id=0B82m6MHC1zXubDZXVVlhdVkzdXc)
* [Guided Practice (#4-6)](https://drive.google.com/open?id=0B82m6MHC1zXucllaY0oyQjNrUlk)
* [Guided Practice (#7-9)](https://drive.google.com/open?id=0B82m6MHC1zXuOEFoT1VkenFGS3c)
 |
| **Friday, October 13, 2017** | 3.3-Complex Numbers**Module 2 Test Today***Multi Cultural Assembly*  | * 3.2 Homework
* **Module 2 DUE**
 | * [3.3 Notes](https://drive.google.com/open?id=0B82m6MHC1zXuMC16NElubkh2UFk)
* [3.3 Notes Key](https://drive.google.com/open?id=0B82m6MHC1zXuYktGZFNFM1A0WVU)
* [3.3 Assignment](https://drive.google.com/open?id=0B82m6MHC1zXubzRxM2h4Q3hPWkU)
* [3.3 Assignment Key](https://drive.google.com/open?id=0B82m6MHC1zXubktnWUdsVU1ORFk)
* **Start Module 3**
 | **Videos**:* [Simplify radicals with negatives & Standard form of complex numbers](https://drive.google.com/open?id=0B82m6MHC1zXuUWpqam9uWWotSlU)
* [Simplify complex #’s of higher powers](https://drive.google.com/open?id=0B82m6MHC1zXuMjlmb3VuQzIyNm8)
* [Add and Subtract w/ complex #’s](https://drive.google.com/open?id=0B82m6MHC1zXuSDMyUGdQSFNNNXM)
* [Multiplying w/ complex #’s](https://drive.google.com/open?id=0B82m6MHC1zXuVGY1bU5PMzQzM2c)
 |
| **Tuesday, October 17, 2017** | **Unit 3 Big Quiz**  | * 3.3 Assignment
* **Unit 3 Quiz**
 | * **Work on Module 3**
 | * [How to study for a test](http://twilkie.weebly.com/study-for-a-test.html)
* Focus on all exponent rules
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| **Tuesday, October 17, 2017** | **Any Test Remediation or Test Retakes must be done by today!****Grades for Term 1 will be finalized today** |
| **Wednesday, October 18, 2017** | **This is an A-Day****End of Term 1** |
| **Oct 19 – Oct 23** | **NO SCHOOL – Fall Break** |