

Algebra II / Trigonometry Honors  
Summer Work (Summer 2019)

Brock Blair – instructor

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Student Name: \_\_\_\_\_

# Alg. II / Trig. Honors – Summer Work (Summer 2019)

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Directions:

1. The purpose of the IXL.com work and this packet is to create an effective partnership between student and teacher as possible. To that purpose, your summer work will:
  - a. be brief and help you review the information that must be understood from your other mathematics class in order for you to be successful in this course. To be effective, we must have mastered the concepts through Algebra I and Geometry.
  - b. teach you the basic vocabulary and concepts that we will see in the first several units of the class. To be effective, we must speak the same mathematical language.
2. Send me an email, bblair@linfield.com, at the beginning of the summer so that we make sure everyone is able to log into IXL.com.
3. This packet is to be signed and turned in **on the first day of school.**
4. The use of a TI-84 (or better) calculator is required. If you have questions pertaining to the type of calculator that you are purchasing, please email me. You must have a calculator on the first day of school.
5. **Complete all of the IXL work before the first day of school. You will have a test on the first day of school.** You must score an 80 or better on **all** of the IXL topics. A complete list of the IXL topics are found below:

## **6<sup>th</sup> Grade Math**

- Decimals: F.2, F.6
- Operations with integers: N.2, N.4, N.7, N.9, N.11

## **Algebra I**

- Numbers: A.4, A.5, A.6, A.7, A.10
- Operations: B.1, B.2, B.4, B.5
- Monomials: Y.2, Y.3, Y.4, Y.5
- Polynomials: Z.6, Z.10
- Factoring: AA.1, AA.2, AA.3, AA.4, AA.5, AA.6, AA.7, AA.8
- Radical Expressions: EE.1, EE.2, EE.3, EE.4

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## Calculator Tutorial

Brock Blair – instructor

bblair@linfield.com

### Directions:

1. Watch the calculator tutorial videos.
  - a. If you have a different calculator (Casio, TI-NSpire, or something besides the one used in the video) you must immediately email me. We will decide if you will watch a different calculator tutorial or if you will need to purchase a different calculator.
2. Write down the type of calculator that you will have the entire school year. Students are expected to have their calculators in every class.
3. Sign your name at the bottom of this page stating that you completed the calculator tutorial video and turn in the packet **on the first day of school**.
4. Tutorial videos:
  - a. <https://www.youtube.com/watch?v=Ilo0LLQ7p20>
  - b. [https://www.youtube.com/watch?v=QT\\_w4o2MXfw](https://www.youtube.com/watch?v=QT_w4o2MXfw)

Calculator to be used this school year \_\_\_\_\_.

I, \_\_\_\_\_, have watched and completed the calculator tutorial video on this date \_\_\_\_\_.