

Algebra 2 Honors – Suggested Resources:

In an effort to pick up with where we left off, I am providing you with a few links to finish up Chapter 9. You can find the notes for each of these sections posted as well.

As of this moment, all of the following is optional and will not be graded.

Just a reminder on how to access the online textbook:

Website: my.hrw.com

Username: alg2honors1920

Password: wentzel

(I know a few of you were having trouble accessing the online textbook before the closure, but all subscription issues have been fixed and the online book is functional again. Just send me an email, if you have any trouble accessing it.)

If you have not signed up for our class Remind, please do so asap. I will be using this as one line of communication to send out class updates and info.

Pd 1: text @1alg19 to 81010

Pd 7: text @7alg19 to 81010

Section 9.4 – Function Operations & Composite Functions

Corresponding Book Lesson: p.682-685

Corresponding Homework Assignment: p.686, #15-32, 39-43

Remember that the online textbook includes tutorials that will walk you through each example.

Here are some Khan Academy tutorials as well.

1. Adding Functions (Video) - <https://www.khanacademy.org/math/algebra-home/alg-functions/alg-combining-functions/v/sum-of-functions>
2. Subtracting Functions (Video) - <https://www.khanacademy.org/math/algebra-home/alg-functions/alg-combining-functions/v/difference-of-functions>
3. Multiplying Functions (Video) - <https://www.khanacademy.org/math/algebra-home/alg-functions/alg-combining-functions/v/product-of-functions>

4. Dividing Functions (Video) - <https://www.khanacademy.org/math/algebra-home/alg-functions/alg-combining-functions/v/quotient-of-functions>
5. Evaluating Composite Functions (Video) - <https://www.khanacademy.org/math/algebra-home/alg-functions/alg-function-composition/v/evaluating-composite-functions>
6. Evaluating Composite Functions (Advanced) (Video) - <https://www.khanacademy.org/math/algebra-home/alg-functions/alg-function-composition/v/evaluating-composite-functions-example-1>
7. Finding Composite Functions (Video) - <https://www.khanacademy.org/math/algebra-home/alg-functions/alg-function-composition/v/new-function-from-composition>

Section 9.5 – Functions & Their Inverses

Corresponding Book Lesson: p.690-692

Corresponding Homework Assignment: p.693, #4, 6-8, 18-20, 33-35

Remember that the online textbook includes tutorials that will walk you through each example.

Here are some Khan Academy tutorials as well.

1. Verifying Inverse Functions by Composition (Video)
<https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:composite/x9e81a4f98389efdf:verifying-inverse/v/verifying-function-inverses-by-composition>
2. Example of Functions that are NOT Inverses (Video)
<https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:composite/x9e81a4f98389efdf:verifying-inverse/v/composing-non-inverse-functions>

Section 9.6 – Modeling Real World Data (Regression – ALL Types)

Corresponding Book Lesson: p.698-701

Corresponding Homework Assignment: p.703, #9-12, 14, 17

Remember that the online textbook includes tutorials that will walk you through each example.