

Algebra III Semester 1 Review Project
2017-2018

The purpose of this project is to provide you and your classmates with a series of review problems to help prepare for our final exam.

- I. List of topics covered for chapters 2, 3, 5 and 6.

This needs to be a *typed* list of the topics from each chapter (section heading, type of computations, main ideas), a list of any formula(s) (with variables defined) introduced in the chapter, a list of terms with their definitions that were introduced in the chapter. This should be a separate document from your review problems and solutions. (10 points)

- II. Create a practice exam for the first semester. This exam should include representative problems from each of the 4 chapters covered. Number each problem to indicate the chapter, section and whether it is a calculator or non-calculator problem (Review should be approximately evenly split between calculator and non-calculator problems). These problems should be typed, see Mr. Kohmetscher if you need help typing equations. These problems should not simply be problems copied from the text or class material, you can use them as a guide but they should be your own creation. Do not include space for showing work. **To be emailed to Mr. K before the due date.** (15 points)

EX: 1. (C2S3nc) meaning problem 1 is from chapter 2 section 3 and is non calculator
5. (C1S2c) meaning problem 5 is from chapter 1 section 2 and is a calculator prob.

- III. Solutions to practice exam questions:

On a separate copy of your review questions, provide the solution and any necessary work/justification that a viewer would need to understand the solution. This does not need to be typed (though it could be). **Single sided** turned in during class on due date (10 points)

This project is due Friday Dec. 8th.

Timeline for workdays in class:

11/28 or 11/29 – Project given out, groups created.

Partners should decide on responsibilities and email them to Mr. K

12/9 - Project workday

12/1, 12/5 and 12/7 at least a partial project work day.

12/8 – Projects due (**problems should be emailed to teacher before the start of school**)

Mr. Kohmetscher's email: davidkohmetscher@claytonschools.net