

Algebra II Honors Summer Assignment

***Please read all the directions below. It tells you everything you need to know.**

- Students will be given a summer assignment, which will include simplifying expressions and solving equations associated with the Real Number system.
- I would like to hold 2 help sessions in August, but due to the social distancing, I am not sure when they will be. If you have any questions, please e-mail me at andrew.girouard@portlanddiocese.org
- ***All work must be shown.*** NO CALCULATORS!!!! (It'll be obvious if you use a calculator.) Otherwise, you will not get full credit.
- **This assignment will be turned in on the first day the class meets** and will be counted as a Quiz grade.
- Aside from all of my specific directions below, please follow all of the directions in the book. Also: Name, Date, Period, assignment in the top right-hand corner.
- ****Keep fraction bars straight; don't leave negatives in the denominator; simplify all fractions; label axes and put arrows on axes when graphing; and when **solving equations**, your answer should be written as "(variable) $\in \{ \}$ " (which is read "[variable] element set [answer]").** So it may look something like $x \in \{ \}$, or whatever the variable of the equation is because they may not always be x.
- The assignment is as follows:
 - p. 13-14 #3, 8, 10, 13, 14, 20, 22, 23, 28, 30, 33, 40, 42, 48-54 E \rightarrow 17 problems
 - p. 21-22 #14, 16, 22, 30, 36, 40, 42, 46, 50, 58, 62-66 E \rightarrow 13 problems
 - p. 86 #5, 8, 10, 13, 15, 31, 34 \rightarrow 7 problems
 - p. 93 (all done on graph paper; make a chart with 3 points for each question) #10, 16, 20, 44, 46 \rightarrow 5 problems
 - This makes a total of 42 problems.
- The book you will be using is Holt-McDougal Larson Algebra 2 (green with a runner on the cover...NOT the Common Core edition) 2011 (ISBN-13: 978-0-547-31526-3). You can either order through Amazon or any other online company.