



Pre-AP Geometry - Summer Assignment 2017

Dear Prospective Mansfield High School Pre – AP Geometry Student,

Welcome to Pre-AP Geometry! In order to ensure that you are fully prepared for Geometry and set for success, you are strongly encouraged to complete the following summer assignment before school starts. It will be due as a grade the 2nd week of school. It will cover key Algebra 1 concepts that should serve as a review of prior learning and essential for the start of Geometry.

- Solving linear equations
- Graphing linear equations
- Finding slope from ordered pairs and/or linear equations.
- Writing equations of lines in slope-intercept, point-slope and standard forms
- Multiplying binomials
- Solving quadratic equations by factoring
- Simplifying radicals
- Solving right triangles using the Pythagorean Theorem
- Solving literal equations

Leave answers in simplified radical form or improper fractions (no decimals). All work must be shown.

Included at the back of the packet are examples of each section.

Also, for your benefit here is a great website for review.

<http://www.khanacademy.org/>

Please bring this completed Geometry review packet to the first class meeting. We will review the information, then an assessment will be given over this information the 2nd week of school. The assessment will be non-calculator and you will not be able to use the EOC chart.

We look forward to meeting you in August!

Regards,
The MHS Pre-AP Geometry Team