



Math Summer Assignment Instructions

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Instructions for Juniors:

The results of the Math Student Diagnostic Test show that most students will benefit from a good review of the fundamental concepts. The Governor's School will give you the opportunity to work on the fundamentals by providing free access to an ALEKS course. ALEKS is a program that uses AI to give tailored practice for each student.

There is a **UNIQUE** way to benefit from the ALEKS tool. When you take the initial Knowledge Check **YOU MUST** avoid looking for any answers. If you do not know something, just click the "I do not know Button". This is the only way ALEKS will give you some practice to strengthen your foundation and fill in any mathematical gaps. **GS@IP** moves quickly, so you will not have much time to fill in these gaps once the school year starts.

- You will be provided the ALEKS login information over the summer; keep an eye on your emails.
- ALL juniors should take the ALEKS knowledge test and make sure:
 - Try your best to answer all questions
 - Do not guess
 - Do not look for answers online
 - If you do not know the answer just indicate that you do not know it and move on to the next question. **Again, this is your only way to get the practice related to that topic.**
- Based on your performance in the diagnostic, the software will automatically assign a helpful review for you to address any weaknesses and get you ready for the fall classes.

Even though your work on ALEKS is optional and it is not for grade, it is highly recommended you complete it to avoid facing any issues during the semester. Your teachers will have access to your ALEKS time spent and efforts.



Instructions for returning Seniors:

- Print a copy of the summer assignment and ONLY print your name in the place indicated (do not work your problems or write answers on these papers).
- Work the problems on additional paper. The paper used must be:
 - Letter size paper
 - College ruled, wide ruled, graphic paper or white paper (no paper from spiral notebooks please – if you do, you must remove the “feather” edge)
 - Use only one side of the paper
 - Print your name in the upper right corner of each page
- The problems must be presented in the same order as in the assignment.
- Show all your work.
- The assignment must be neat and organized (you might want to work the problems on scratch paper and then write the report). Please use only one column, and develop the problems from top to bottom, left to right. Use proper math notation.
- Assignments are due at the beginning of the class, on the first day of school.
- Assignments must be stapled (upper left corner) before submitted (assignments without a staple will not be accepted).
- If you need any help with any of the topics, you might want to consult textbooks, or you can use online websites and tutorials. Some sites are:
 - Purple Math <http://www.purplemath.com/>
 - Khan Academy <https://www.khanacademy.org/>
 - Paul’s Online Math Notes: <http://tutorial.math.lamar.edu/>
 - InterAct Math: <http://interactmath.com/Home.aspx>
 - The Organic Chemistry Tutor (type topic into YouTube)

Class Supply List

- College ruled, wide ruled or graphic filler paper 8 ½” x 11” or 8” x 10 ½” for homework assignments.
- Notebook or binder for class notes