

# **SAT Math Test Prep (Spring 2020)**

## **STEM of the Triad**

Text: New SAT Math Problems arranged by Topic and Difficulty Level by Dr. Steve Warner.  
(see link for details):

[https://www.amazon.com/Problems-arranged-Topic-Difficulty-Level/dp/1511878185/ref=mp\\_s\\_a\\_1\\_1?keywords=new+sat+math+problems+arranged+by+topic+and+difficulty+level&qid=1570417158&sprefix=new+sat+math+&sr=8-1](https://www.amazon.com/Problems-arranged-Topic-Difficulty-Level/dp/1511878185/ref=mp_s_a_1_1?keywords=new+sat+math+problems+arranged+by+topic+and+difficulty+level&qid=1570417158&sprefix=new+sat+math+&sr=8-1)

Materials required: pencils (no pens or markers)  
white loose leaf notebook paper  
graph paper  
scientific or graphing calculator (student must be proficient in the use of his own device)  
1-inch 3-ring binder or a dedicated section of a larger binder

Purpose: to practice and apply the fundamental concepts of algebra, geometry, and trigonometry,  
to sharpen mathematical concepts  
to review mathematical terms/vocabulary  
to prepare for timed tests  
to practice timed SAT test sections  
to learn test-taking strategies  
to practice potential test questions

Grading: Guidance and feedback will be given while the student works independently on coursework.  
Students will be encouraged to use their resources wisely—practicing, self-correcting, and self-teaching as often and as much as possible.

Please review the following expectations:

1. **Show your work (with the exception of timed practice tests).** While learning and practicing, showing work is mandatory to identify errors in your solution process.
2. Be neat. Legibility is key to accuracy in written math problems.
3. Use plenty of **vertical space** for each math problem.
4. Pay attention in class. The more senses used in the learning process, the better the chance of retaining information. Every little tidbit of knowledge, shortcut, or helpful hint will shave seconds off of your solution time (most helpful in timed tests).
5. Arrive for class on time.
6. Practice your multiplication tables to increase speed and accuracy of your work.
7. Ask for help. At this level, students can usually identify—by name—the areas for which they need assistance.
8. If you are struggling with something, address it quickly.
9. **Practice, practice, practice!**

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Student signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent signature: \_\_\_\_\_ Date: \_\_\_\_\_