**Wednesday, 1.8.25**

|  |
| --- |
| **OBJECTIVES:** |
| * Find your seat! |
| * Introduce ourselves. |
| * Discuss the ***SAT/ACT Math Prep Syllabus and Course Expectations*** document. |
| * Discuss the Classroom Procedures. * **Homework:**  1. Remember to return your completed ***Classroom Procedures***, signed and dated by both you and your parents/guardians, on Friday, 1.10.25.   (2) Join classroom.google.com for this course. The code is **qi54lwy.** |
| * Learn about the new **Digital Math SAT Test.** * **Class Work/Homework:**   <https://youtu.be/rPFseETCcKo?si=p5Z7yprYmbrEBcXT>  <https://satsuite.collegeboard.org/media/pdf/digital-sat-test-spec-overview.pdf>   * <https://youtu.be/rPFseETCcKo?si=FmADPZwD-xWFQvNW> * <https://youtu.be/a7LUE8EQSLM?si=eWPKkiUD1zeZEFJ6> |
| * Know how to answer a student-response question.   Approximately 75% of questions in the Math section use the same 4-option multiple-choice format, while the remainder use the student-produced response (SPR) format.  As the name implies, answering the SPR Math questions means you'll generate your own response and enter it into a response field positioned near the question.  These questions assess your ability to solve math problems with greater independence and with less structure and support than that provided in the multiple-choice format.  SPR questions may have more than one correct response, although you’ll supply only one answer.  r/DSATs - Digital SAT Math Student-Produced Response Entry Directions |

**Friday, 1.10.25**

***OBJECTIVES:***

***Understand linear models. Be able to do the following:***

* Know how to find the intersection of 2 lines.
* Use slope-intercept linear form.
* Use point-slope linear form.
* Use general linear form to graph a line.
* Use general linear form to find the x-intercept, the y-intercept, and the slope of the line.
* Know and use the definition of slope.
* Understand the concept of slope: positive slope, negative slope, indeterminant slope.
* Know the relationship between the slopes of 2 parallel lines.
* Know the relationship between the slopes of 2 perpendicular lines

**Turn in** your completed, signed, and dated ***Classroom Procedures Agreement***.

**Entry Work:** Find the intersection of 2 lines, using your TI-84 graphing calculator.

**Class Work:** Discussion of linear models.

**Homework:** Linear Models Review (10 Problems) \_\_Handout to be received in class.