



Math Virtual Learning

Calculus AB

Testing Strategies

May 19, 2020



Lesson: Tuesday, May 19, 2020

Objective/Learning Target:
Testing and finishing the semester strong.

The Power of GRIT!

As the year comes to a close, so does this Calculus class. In years past, we would have done a final exam with questions ranging from the beginning of the school year, testing what you have learned.

As you may remember from past years, the final exam schedule can be grueling. To keep you focused for the future, I want you to consider [this video](#). When in doubt, know that effort is a huge part of your success!



" GRIT IS PASSION AND PERSEVERANCE FOR VERY LONG-TERM GOALS. GRIT IS HAVING STAMINA. GRIT IS STICKING WITH YOUR FUTURE, DAY IN, DAY OUT, NOT JUST FOR THE WEEK, NOT JUST FOR THE MONTH, BUT FOR YEARS, AND WORKING REALLY HARD TO MAKE THAT FUTURE A REALITY.

GRIT IS LIVING LIFE LIKE IT'S A MARATHON, NOT A SPRINT. "

ANGELA LEE DUCKWORTH



What does effort and grit look like when studying for finals?

Here is a [link](#) to some test taking strategies.

Notice, #1 is Be Prepared. This is where your grit, effort, persistence and ability to face a challenge are practiced most. This is all the hard work you have put in over the course of the class. A last minute “cram” can not replace this strategy. Work hard from the beginning and prepare yourself to the best of your ability.

Studying For Exams

Here are some tips on studying for exams.

- **Start on Day One.** You should always be studying for the next exam. Do a little each day, or at the very least start studying 2 – 3 days before the exam. Do NOT start studying the night before the exam. Cramming, while a time honored college tradition, just doesn't work as well as spending time each day studying, especially with a math class.
- **Get a Good Night's Sleep.** Get a good night's sleep the night before the exam. It is important to be well rested and mentally sharp when you take the exam.
- **Make a List of Important Concepts/Formulas.** Review your notes and make a concise list of important concepts and formulas. Make sure you know these formulas and more importantly how to use them!
- **Rework Homework Problems.** Do not just read over the homework problems. Actually rework them. Writing down the steps will help you to remember them. Make sure that you try to do the problems without looking at the solutions.
- **Rework Book/Notes Examples.** Cover up the solutions to book or note examples and try to rework them. When looking for problems from the book don't forget that most books have a review section at the end of each chapter that usually contains more problems.
- **Look for Identifying Characteristics in Problems.** While doing your homework you knew which section it came out of. This provided some clues as to the solution process. During an exam you won't have this to help you. So, while reviewing your homework look for identifying characteristics that will give you clues on how to identify that kind of problem.
- **Take a Practice Exam.** Find some problems and treat them a practice test. Give yourself a time limit and don't use your notes or book.

[Paul's Online Math Notes](#) has more great tips shown here!

More Tips and Websites to Save

Penn State has a [wonderful site for exam tips](#). They have it broken down by type of exam as well. For example, your strategies for writing an essay in your exam should be very different than if you are taking a multiple choice test.

Motivation

I hope these tips and ideas can be useful for you in the future, no matter what type of exam you may need to study for.

Motivation and a good [pep talk](#) is also great help!