A more appropriate title for this document would be “How Victoria Studies for an Exam”. The following are study tips I have found to be very helpful in my academic career.

1. **Complete all your homework.** Your exam questions will be similar to your homework questions. Make it a goal to review your homework at least once a week so you can stay fresh on these topics. Also try to redo these problems without looking at your notes or previous solutions.

2. **“You might want to know everything.”** I once had a professor who would say this at the beginning of his review sessions, and it was very intimidating to hear. But what this really means is to understand every section that you have covered. What were the definitions of each section? What were the formulas covered in each section? What types of problems did you cover in those sections? These are good questions to ask yourself, and the answers to these questions are in your notes, examples in your textbook, and your homework problems.

3. **Begin early and study often.** Although your final exam may appear far away, it is best to start studying as soon as you can because that exam is fast approaching. Studying just 5 to 10 minutes a day is better than cramming for the test the night before. You will retain information better and give yourself time to better develop your mathematical skills. I recommend dedicating at least one hour a week to reviewing notes and homework (and that this hour be separate from working on new homework or material).

4. **Flashcards.** I learned all my trigonometric identities from flashcards. I had a stack two inches tall of every identity you could possibly imagine, and I would go through this stack at least once a day. An example of one of my flashcards would look like:

   ![Front Back](image)

   Front: \( \frac{1}{2}(1 + \cos 2x) =? \)

   Back: \( \cos^2 x =? \)

   I highly recommend that you make flashcards for important definitions, formulas, and trig identities. Make it a goal to go through your flashcards at least once a week.

5. **Focus on what you struggle with.** If you know you struggle with one particular section then make sure to do extra practice problems from that section and come ask questions during office hours. Make it a goal to become well-balanced and confident in each section we have covered.

6. **“The Data Dump.”** If there are formulas or definitions you know you have a hard time remembering, try to remember them long enough to write them on the back of the test once your test has begun. If a problem comes up where you need those formulas or definitions, then you already have them on the back of your test.