

## 2M.0 Formula to acing Mathematics



### Introduction to STAMP year 2 Mathematics notes

Hi all, this document aims to give you some insights as to how to improve in Mathematics. Unlike many other subjects, Mathematics tend to allude improvement for some people who work hard, while students who seemingly did nothing in preparation for the subject tend to get high marks.

Thus, I hope to answer some of your queries as to how to get good grades in Mathematics.

1) **The only way to improve in Mathematics is to practice, practice, practice.**

Mathematics is a subject of *problem solving*. Just knowing the concepts can't help you solve the questions, just like knowing how algebra works does not help you solve word problems **unless** you know how to apply these concepts.

And the only way to train your problem solving skills is to do questions.

And that is why we are offering massive supervision on problem solving nearing your MYCTs. Be prepared.

2) **Given sufficient time, everyone can solve all the problems in your exams.**

People tend to forget how important time-management is in Math exams. With sufficient time, you can definitely solve all the problems – thus the difference lies in how *fast* you can solve them.

The faster you can solve questions, the more questions you can solve. The less stress you have, and the clearer you can think = great success :D

3) **There is no way you can “revise” concepts in Mathematics.**

There is no such thing as “revising” concepts – you either grasp these concepts or you don't. If you grasp the concepts, you grasp them for life. If you don't, revising isn't going to help you. That is why if you don't understand something. Pester your classmates. Pester your teachers. Pester us. Until you get it.

4) **Supplementary exercise is your best friend.**

As I have mentioned, the only way to improve is to practice. And RI has offered the best form of practice – through its supplementary exercises, that follow after EVERY topic.

The way your seniors had found effective was – not to write out the solutions for EVERY single question in the set. Look at a question. Do you know how to solve it? Try one of that question type. Then skip the rest of the same type. If you don't, then I suggest you diligently write out the solutions. Or seek help from your teachers/us. Don't waste time on questions you can solve – skip to those you cannot.