Describe some of the mathematical concepts which you have used in your daily life.

**Reflection Journal 16/11/2017**

Mathematic concepts learned in school are helpful in almost every career and I realised this while I was still schooling in ITE. Learning math allows any worker to analyse and solve problems by methodically converting issues into values which can be easily understood by management. Furthermore, Math concepts also allow other important practices, including how to approach tasks with some form of idea and formula in mind while paying close attention to possible errors. There is quite a variety of “number-focused” occupations which includes sectors of management, operations, administration, as well as production. With that in mind, everyone can agree that Mathematics is prevalent across many fields.

During my final semester studying in ITE, I learned how to use math concepts to convert problems into values and improve decision making use of various statistic models, from papers on the internet. As I am someone who continuously thinks out of the box, I expanded my set of mathematical skills in modules such as “Facilities and Venue Management” and “Marketing”. Aside from being able to create charts and statistical reports, these skills have assisted me in collecting and studying information in my previous part time job(Multi-Purpose Clerk). I would have to use basic concepts such as addition and subtraction and advanced concepts such as percentages, fractions, ratios and algebraic equations to calculate, develop, and evaluate work such as surveys and products. In addition, other concepts such as Statistics and Probability helped me to understand how to use statistical and database software to complete work which involved submitting charts and graphs. Today, I can give you a real-life example as in today’s presentation, I was the one who came up with the idea to use the P-chart and I learned how to do it during my part time job. Finally, as a student in RP, Math is also used every day to better understand measurement, ratio, and proportion when using software such as AutoCAD or to just design presentation slides.

In conclusion, many Mathematical concepts may seem dry and not applicable in everyday life, however, I have realised in my own life that both basic and advanced concepts can be used in various important applications such as software, design, engineering, business and even photography. It has been proven without reasonable doubt that everything can be represented in terms of numbers whether in forms such as fraction and binary, but it is the Mathematical concepts that we use to understand and evaluate these numbers.

**Thank You and Have a Nice Day! :)**