

Title: Math Class vs 1,000,000

Engineering Challenge

November 9, 2022

Problem Statement: Write the problem statement in your own words and interpretation. What are you trying to achieve? What is being learned through this challenge?

The problem to be determined is whether a math class or writing to one million is easier.

Materials: List the materials given (if any).

Paper

Approach: Write a description of your plan to achieve the goal of the problem statement. Add drawings/sketches/CADs if possible.

Attending a math class is more realistic compared to the ~3,000 numbers per day for a year.

Solution: What is your solution to the given problem?

In order to write to 1,000,000, you would have to write ~3,000 numbers per day for a year with no breaks. You would need to attend math class often as you are in attendance for 180 days.

Analysis: After testing, did it achieve your goal? Either way, what could you have done better? If given more time/materials, what would you do differently?

The mathematical calculations based upon the class found that it would take 222 straight hours to write to 1,000,000 compared to a 180 day long school year taking 165 hours.

Images:

Being in a math class would be easier than writing to one million because it would be less labor intensive to be in a math class compared towards writing 1,000,000 numbers. The writing of one to a million would be a very long process due to having to write around 3000 numbers a day for a year. This process would easily take an hour a day which would be the time in the classroom.

~ 3000
numbers a day
for a year