

Title: Math Class vs 1,000,000

Engineering Challenge

July 20, 2022

Problem Statement: Would it be faster to write to one million or to take a year long math course

Materials: calculator

Approach: calculate how long it would take for each option

Solution: one hour each day for 180 days to take math course - 180 hours
assuming each digit takes 0.5 seconds to write it would take approx. 818 hours

Analysis: math class is much quicker in terms of active hours

Images:

• get it done faster.

math class is better, because if you spent the same time in math class as writing numbers you would need to write 1.54 numbers every second.

it would take longer to write the numbers in terms of hours then it would take a math class.

you could spend more time writing numbers than you would spend time in math class

180 hours in math class

818 hours writing assuming 0.5 sec every digit