

## Simple Concept Tough Problem - 8

by Debashish Sharma - Thursday, October 15, 2020

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**“Mathematics is not about numbers, equations, computations or algorithms; it's about understanding.”** - William Paul Thurston

William Paul Thurston, an American mathematician, was a pioneer in the field of low-dimensional topology. In 1982, he was awarded the Fields Medal for his contributions to the study of 3-manifolds. We begin this edition of SCTP series with his quote as the motive of our series of articles is to motivate the readers to understand simple mathematical concepts. Here is the problem for today :

**Three friends play a game where each of them chooses a positive integer and they multiply the three integers thus obtained. The choice is said to be successful if the product is 5252. How many successful choices are possible ?**

Let's analyse this problem in the video below:

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