

IMPLEMENTATION OF VEDIC TECHNIQUE AND ITS APPLICATIONS

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ABSTRACT

In algebra the Vedic mathematics is based on the 16 sutras and the 13 sub- sutras. This paper deals with the sutras and also shows how it is applicable to solve algebra problems. Unified mathematics is defined as a situation where methods are understood with reference to one another. Vedic formulas are introduced with the help of examples which can be used to execute various mathematical computations like addition, subtraction, division and accumulation. Vedic mathematics is not only time saving but also helps us to make quick and intelligent decisions for issues of great complexity. Vedic maths is helpful in introducing the burden of poor learning. Vedic maths is often defined as simple mathematics. But it also provides and effective solution to solve mathematical problems.

1 Introduction

The most familiar meaning of Veda is "knowledge". Veda is a Sanskrit word means knowledge. The Vedas are the most sacred scriptures of India and is considered as oldest written text on our planet. The Atharva Veda is sometimes called The "Veda of magical formulae". Vedic mathematics is considered as an ancient system which helps to improve calculation skills. But using Vedic Mathematics general approach and particular methodology, numerical computations can be solve very fast and accurately. Vedic Math Techniques/Sutras have the math tricks for fast calculation in order to solve the questions like aptitude or reasoning problems etc. The entire mechanics of Vedic mathematics is based on 16 sutras and 13sub-sutras. These Sutras along with their brief meanings are enlisted below.

