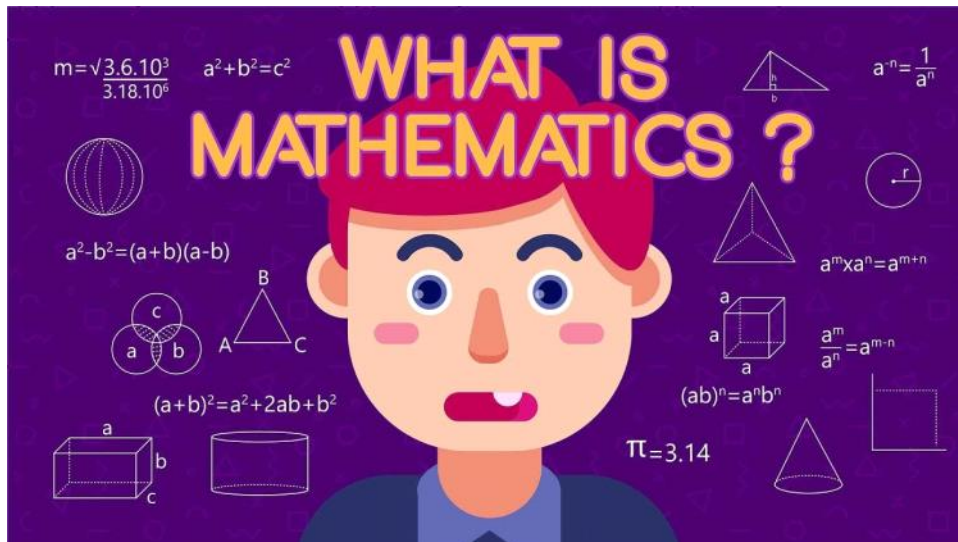


# Introduction

Saturday, 29 June 2024 12:51 pm



**Mathematics** is the study of [numbers](#), [shapes](#), and [patterns](#). The word comes from the [Greek](#) μάθημα (máthema), meaning "[science](#), [knowledge](#), or [learning](#)",

# What is Calculus?

Calculus is the **mathematical study of continuous change**, in the same way that geometry is the study of shape, and algebra is the study of generalizations of arithmetic operations. Originally called infinitesimal calculus or "the calculus of infinitesimals",

SEVENTH EDITION

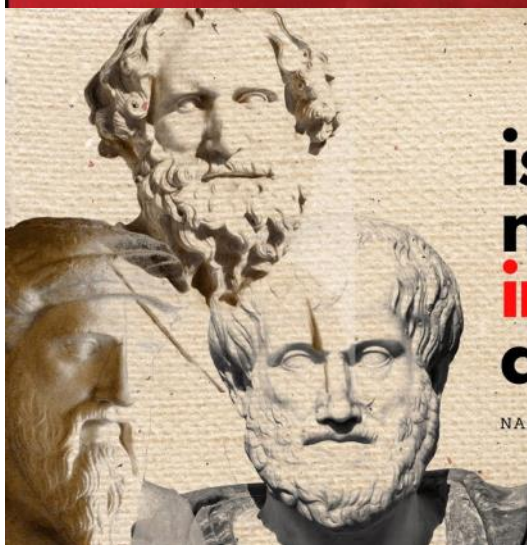
# CALCULUS

---

SINGLE AND MULTIVARIABLE

Hughes-Hallett Gleason McCallum et al.

WILEY



is  
mathematics  
**invented** or  
discovered?

NARRATED BY SUNNY LABH