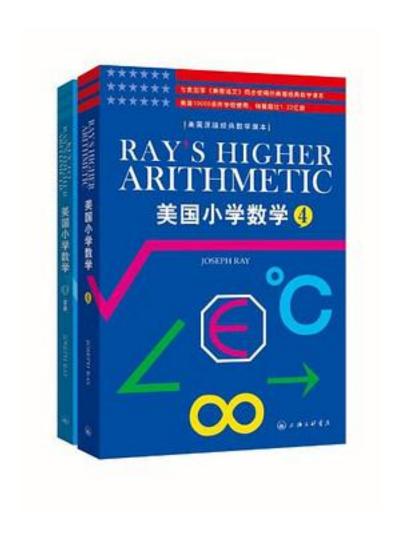
# 美国小学数学(第4册)



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著者:约瑟夫·雷伊

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《美国小学数学(第4册)》内容简介: We are honored and happy to bring this classic Arithmetic by Joseph Ray. These popular books sold more than any other arithmetic in

America, in fact over 120 million copies and are still used in modern American schools and families. As you can see, this set of Arithmetic textbooks is organized in an orderly manner around the discipline of arithmetic itself.

Ray emphasized critical thinking in his classroom. He believed that his students needed to learn how to apply what they learned to real-life situations. Rather than giving his pupils simple problems to solve, he preferred word problems. Students can increase their reading comprehension skills, and learn to think. This book includes philosophical understandings; principles and properties of numbers; and advanced study of common and decimal fractions, measurements, ratio, proportion, percentage, powers and roots, series, business math, and geometry. It has challenging work for advanced students and basic work for slower students and can be used for grades 7 and 8, as well as for high school.

#### 作者介绍:

Joseph Ray was born on November 25, 1807, in Ohio County, Virginia. He attended local schools and quickly proved himself to be an adept student. By the time he was sixteen, he had begun a career as a teacher. In 1825, Ray enrolled in Franklin College in New Athens, Ohio. While a student at Franklin College, Ray studied medicine under Joel Martin. Upon graduating from college in 1828, Ray enrolled in the Medical College of Ohio, located in Cincinnati. During the winter he attended college, and during the summers, he taught school. He graduated in 1831.

Ray is most famous for authoring mathematical textbooks. By the end of the nineteenth century, Ray's texts had become the most widely used math books in the United States, with sales approaching 120 million copies. For a time, they were the most used textbooks across all disciplines. William McGuffey, a colleague of Ray's at Woodward College, eventually produced a series of English readers.

Ray was a member of the Ohio State Teachers Association and served as that organization's president in 1853. In 1854, he became an associate editor for The Ohio Journal of Education. He died on April 11, 1855, from tuberculosis.

约瑟夫·雷伊教授于1807年出生于美国弗吉尼亚俄亥俄县,小时在地方学校接受教育,学业优秀。16岁时,他就开始步入其教师生涯,1825年到富兰克林学院求学,跟随乔尔·马丁教授学习医学。1828年毕业后进入俄亥俄医学院学习,1831年毕业。大学毕业后,他在辛辛那提的伍德沃德中学找了份当教师的工作,开始教数学。1836年,俄亥俄司法当局准许伍德沃德中学由高中升格为辛辛那提伍德学院,雷伊成为该学院的一名教授。1851年,该校以变为一所公立高中,雷伊一直在此担任校长,直至去世。

雷伊最杰出的贡献是他编写的系列数学教材,并以此闻名。这套数学课本与他在伍德学院的同事麦加菲编写的《美国语文读本》,一同被作为美国学校的语文和数学教材,近50年内,美国上万学校使用这两套教材,累计销量均超过1.22亿册,对美国教育产生了极大影响。

雷伊教授对俄亥俄州的教师职业培训也发挥了很大作用,他帮助建立西部文化中心与职业教师学院,将好的教学技术与经验传授给老师。他加入俄亥俄州教师协会成员,并于1853年任其会长,此外还担任《俄亥俄教育》杂志社的副总编。

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