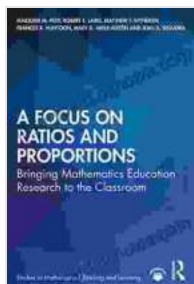


Bringing Mathematics Education Research to the Classroom: Studies in Mathematics Education



A Focus on Ratios and Proportions: Bringing Mathematics Education Research to the Classroom (Studies in Mathematical Thinking and Learning Series)

by D. James Benton

★★★★★ 5 out of 5

Language : English

File size : 18785 KB

Screen Reader : Supported

Print length : 240 pages



This book is a collection of studies that investigate the application of mathematics education research to classroom practice. The studies explore a variety of topics, including the use of technology, the development of students' mathematical thinking, and the assessment of mathematics learning. The book provides valuable insights for teachers, researchers, and policymakers who are interested in improving the teaching and learning of mathematics.

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- Chapter 1: The Use of Technology in Mathematics Education
- Chapter 2: The Development of Students' Mathematical Thinking
- Chapter 3: The Assessment of Mathematics Learning

Chapter 1: The Use of Technology in Mathematics Education

This chapter explores the use of technology in mathematics education. The studies in this chapter investigate the effectiveness of different types of technology, such as calculators, computer software, and online resources. The chapter also discusses the challenges and opportunities associated with the use of technology in mathematics education.

Chapter 2: The Development of Students' Mathematical Thinking

This chapter explores the development of students' mathematical thinking. The studies in this chapter investigate the cognitive processes involved in mathematical learning. The chapter also discusses the role of instruction in the development of students' mathematical thinking.

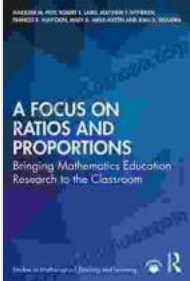
Chapter 3: The Assessment of Mathematics Learning

This chapter explores the assessment of mathematics learning. The studies in this chapter investigate the effectiveness of different types of assessments, such as tests, quizzes, and portfolios. The chapter also discusses the challenges and opportunities associated with the assessment of mathematics learning.

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