



# Young Mathematicians at Work: Constructing Fractions, Decimals, and Percents

*Catherine Twomey Fosnot, Maarten Dolk*

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In our efforts to reform mathematics education, we've learned a tremendous amount about young students' strategies and the ways they construct knowledge, without fully understanding how to support such development over time. The Dutch do. So, funded by the National Science Foundation and ExxonMobil, Mathematics in the City was begun, a collaborative inservice project that pooled the best thinking from both countries. In *Young Mathematicians at Work*, Catherine Fosnot and Maarten Dolk reveal what they learned after several years of intensive study in numerous urban classrooms.

In this third volume in a series of three, Fosnot and Dolk focus on how children in grades 5-8 construct their knowledge of fractions, decimals, and percents. Their book:

- describes and illustrates what it means to do and learn mathematics.
- contrasts word problems with true problematic situations which support and enhance investigation and inquiry.
- provides strategies to help teachers turn their classrooms into math workshops.
- explores the cultural and historical development of fractions, decimals, and their equivalents and the ways in which children develop similar ideas and strategies.
- defines and gives examples of modeling, noting the importance of context.
- discusses calculation using number sense and the role of algorithms in computation instruction.
- describes how to strengthen performance and portfolio assessment.
- focuses on teachers as learners by encouraging them to see themselves as mathematicians.

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A lot of people always spent their very own free time to vacation as well as go to the outside with them family members or their friend. Were you aware? Many a lot of people spent many people free time just watching TV, as well as playing video games all day long. If you want to try to find a new activity here is look different you can read some sort of book. It is really fun for yourself. If you enjoy the book which you read you can spent the whole day to reading a reserve. The book Young Mathematicians at Work: Constructing Fractions, Decimals, and Percents it is quite good to read. There are a lot of individuals who recommended this book. These were enjoying reading this book. If you did not have enough space to bring this book you can buy the actual e-book. You can m0ore quickly to read this book from a smart phone. The price is not to fund but this book offers high quality.

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