



## Young Mathematicians at Work: Constructing Fractions, Decimals and Percents v. 3

By Catherine Twomey Fosnot, Maarten Dolk

Heinemann USA, United States, 2002. Paperback. Book Condition: New. 234 x 188 mm. Language: English . Brand New Book. 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...



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Category: Mathematics. Young Mathematicians at Work, Vol. 3: Constructing Fractions, Decimals, and Percents free ebook download. Views: 21 Likes: 0. Catalogue. item 1 Young Mathematicians at Work constructing Fractions, Decimals, and Percents 1 -Young Mathematicians at Work constructing Fractions, Decimals, and Percents. £9.86. Free postage. item 2 Young Mathematicians at Work: Constructing Fractions, Decimals, and Percents 2 -Young Mathematicians at Work: Constructing Fractions, Decimals, and Percents. £9.85. Free postage. This third volume in a series of three focuses on how children in grades 5-8 construct their knowledge of fractions, decimals and percents. It explores the historical development of fractions, decimals, and their equivalents and the ways in which children develop similar ideas and strategies. Product Identifiers. Publisher. Constructing Fractions, Decimals, and Percents by Fosnot and Dolk is a wonderful book for teachers who are trying to teach fractions and their relationship to decimals and percents. A very hands-on approach that really had me thinking about math differently. The first problem was dividing three subs for 4 children, 3 subs for 5 children, 4 subs for 5 children, and 7 subs for 8 children. Try it with your class and you will definitely want to buy this book. Young Mathematicians at Work: Constructing Fractions, Decimals, and Percents. Read more. 9 people found this helpful. Young Mathematicians at Work: Constructing Fractions, Decimals, and Percents focuses on children in grades 5-8 as they construct deep understandings of Fractions, Decimals, and Percents. Catherine Twomey Fosnot and Maarten Dolk focus on the development of big ideas and define mathematics as "mathematizing" structuring, modeling, and interpreting the world mathematically. Young Mathematicians at Work: Constructing Fractions, Decimals, and Percents focuses on children in grades 5-8 as they construct deep understandings of Fractions, Decimals, and Percents. Catherine Twomey Fosnot and