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## It's All Relative: Key Ideas and Common Misconceptions About Ratio and Proportion

By Anne Collins, Linda Dacey

Stenhouse Publishers. Paperback. Book Condition: new. BRAND NEW, It's All Relative: Key Ideas and Common Misconceptions About Ratio and Proportion, Anne Collins, Linda Dacey, For years, students have been taught to cross multiply when presented with proportion problems. Few understood what they were doing or why they were doing it. Rarely were students invited to think about various representations to determine the relationship between the two ratios being compared. The ideas and activities in this guide will help you provide students with the conceptual understanding of ratios and proportional thinking that is essential for solving real-world problems and achieving success in higher-level mathematics. It's All Relative includes more than thirty modules, which are aligned to specific Common Core State Standards. Each module in this accessible, spiral-bound flipchart addresses specific mathematical practices and common misconceptions; features timely classroom examples; includes proven, ready-to-use activities; and provides ideas for adapting activities to meet the needs of individual learners. The authors particularly emphasise how to use visual models tables, tape diagrams, graphs, and double number lines to represent ratios and proportional thinking. These visual models, which may be new to many teachers, enhance students' conceptual understanding and improve their ability to solve a wide range...


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