



# **A Focus on Fractions: Bringing Research to the Classroom (Studies in Mathematical Thinking and Learning Series)**

*Marjorie M. Petit, Robert E. Laird, Edwin L. Marsden, Caroline B. Ebby*

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*A Focus on Fractions* is a groundbreaking effort to make the mathematics education research on how students develop their understanding of fraction concepts readily accessible and understandable to pre- and in-service K– 8 mathematics educators. Using extensive annotated samples of student work, as well as vignettes characteristic of classroom teachers' experiences, this book equips educators with the knowledge and tools to reveal students' thinking so that they can modify their teaching and improve student learning of fraction concepts. *A Focus on Fractions 2nd edition* includes sections on the Common Core State Standards for Mathematics and the *Ongoing Assessment Project (OGAP) Fraction Framework integrated into each chapter* as well as a new chapter on the *OGAP Fraction Progression* and how it can be used for formative assessment purposes. This updated edition assists teachers in translating research findings into their classroom practice by conveying detailed information about how students develop fraction understandings. Additional images and examples serve to flesh out and supplement the newly-introduced concepts in this updated and expanded edition.

Special Features:

- *Looking Back Questions* at the end of each chapter provide teachers the opportunity to analyze student thinking and consider instructional strategies for their own students.
- *Instructional Links* help teachers relate concepts from the chapter to their own instructional materials and programs.
- *Big Ideas* frame the chapters and provide a platform for meaningful exploration of the teaching of fractions.
- *Answer Key* posted online offers extensive explanations of in-chapter questions.
- New sections devoted to the CCSSM and *OGAP Fraction Progression* are woven throughout the book as well as a new stand alone chapter on the *OGAP Fraction Progression*.
- *The OGAP Fraction Framework* is an all-new eResource, now available as a free download from the book's website: [www.routledge.com/9781138816442](http://www.routledge.com/9781138816442).

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