Description:
Do your students suppose that 1/3 is greater than 1/2, since 3 is greater than 2? Do they believe that having halves means having two, and only two, congruent pieces of a whole?

What tasks can you offer what questions can you ask to determine what your students know or don’t know and move them forward in their thinking?

This book focuses on the specialized pedagogical content knowledge that you need to teach fractions effectively in grades 3-5. The authors demonstrate how to use this multifaceted knowledge to address the big ideas and essential understandings that students must develop for success with fractions not only in their current work, but also in higher-level mathematics and a myriad of real-world contexts.

Explore rich, research-based strategies and tasks that show how students are reasoning about and making sense of fractions. Use the opportunities that these and similar tasks provide to build on their understanding while identifying and correcting misunderstandings that may be keeping them from taking the next steps in learning.