In the textbook, the authors discussed not directly teaching procedures for decimal operations, but instead to rely on the number sense developed about number systems and estimation to guide their strategies. What does this mean for the teacher?

**Decimals and Percents Big Ideas**

- Decimal numbers are another way of writing fractions.
- The base-ten place-value system extends infinitely in both directions.
- The decimal point is a convention to indicate units position.
- Percents are hundredths and another way to express fractions and decimals.
- Addition and subtraction with decimals are a simple extension of whole numbers.
- Multiplication and division of two numbers will produce the same digits, regardless of the positions of the decimal points.

**Percents**

- Use problem-based activities
- Use real problems
- Use friendly percents

**Rational Numbers**

- Rational number line
- Number systems
- Connections between fractions, decimals, and percents
- Walking a decimal number line
- Decimal estimation activities
- What about the decimal point
- Base Blocks decimals
- Place value number line