16 Fraction-Decimal-Percent Objectives
Combining Basic Arithmetic, Number Sense, and Mental Math

The student should be able to (by hand, without using a calculator):

1. Put a fraction into lowest terms.
2. Put a fraction into higher terms.
3. Rewrite an improper fraction as a mixed number.
4. Rewrite a mixed number as an improper fraction.
5. Add and subtract fractions (and mixed numbers).
6. Add and subtract decimals.
7. Read a decimal number *properly*. (2.03 is "two and three hundredths")
8. Convert fractions (and mixed numbers) to decimals and to percents.
9. Convert decimals to fractions (or mixed numbers) and to percents.
10. Convert percents to decimals and to fractions (or mixed numbers).
11. Multiply fractions (and mixed numbers).
12. Multiply decimals.
13. Divide fractions (and mixed numbers).
14. Divide decimals.
15. Solve percent problems of the form ___% of ___ is ___, where two of the three blanks are known and one of the blanks is unknown.
16. In a percent change situation, find the percent change, the amount of change, the original amount, or new amount.