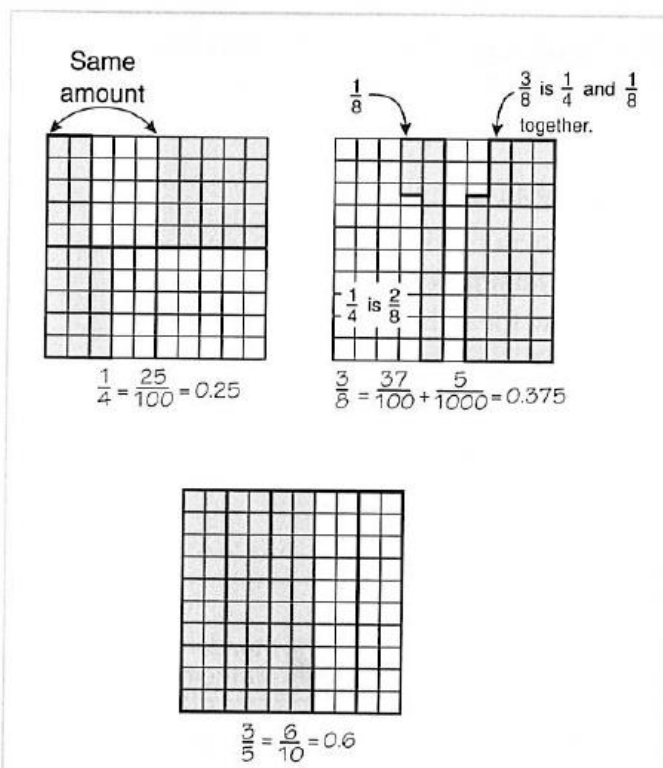


Activity 14.4 FAMILIAR FRACTIONS TO DECIMALS

Students are given a "familiar" or commonly used fraction to convert to a decimal. They first model the fraction using a 10×10 square grid and strips and tinies. Covering the grid with the materials, they model then write the fraction and decimal equivalent. A good sequence is to start with halves and fifths, then fourths, and possibly eighths.

Figure 14.8

A 10×10 square can be used to convert familiar fractions to decimals.



From Van de Walle et. al. (2014). *Teaching Student-Centered Mathematics Grades: Developmentally Appropriate Instruction for Grades 3 – 5* (2nd Ed.). Toronto: Pearson Education, Inc. (p. 264).