

Fractions, Decimals, Percents II

Activity Title	Mathematical Objectives
Body Temperature: Adding and Subtracting Decimals (p. 6)	Add and subtract decimal numbers
College Basketball - Air Force: Working with Histograms (p. 10)	Create a frequency table Create a histogram from a frequency table Calculate percents Interpret the meaning of histograms
College Basketball - BYU: Working with Histograms (p. 14)	Create a frequency table Create a histogram from a frequency table Calculate percents Interpret the meaning of histograms
College Housing Costs: Using Ratios (p. 18)	Create fractions from a verbal description Simplify fractions Find the indicated fraction of a number Convert decimal numbers to percents
Exercise Activities: Working with Histograms (p. 22)	Create a frequency table and histogram Calculate percents Interpret the meaning of histograms Calculate an average
Real Estate Investing - Kansas City: Using Ratios to Analyze Deals (p. 26)	Calculate ratios in a real world context Interpret the meaning of ratios in a real world context Convert a fraction to a percent
Real Estate Investing - Las Vegas: Using Ratios to Analyze Deals (p. 30)	Calculate ratios in a real world context Interpret the meaning of ratios in a real world context Find the given percent of a number Convert a fraction to a percent
Real Estate Investing - Palm Beach: Using Ratios to Analyze Deals (p. 34)	Calculate ratios in a real world context Interpret the meaning of ratios in a real world context Convert a fraction to a percent
Sales Tax Changes: Working with Percents (p. 38)	Convert a percent to a decimal Create and solve a linear equation Multiply two numbers
Sizing Images: Using Ratios (p. 42)	Calculate the aspect ratio of an image Solve quadratic equations Solve equations involving ratios