



Study Review

Percents

The following are concepts and skills that you will need to know to be successful on a chapter test. If you are unsure of any of these, use the One Page Reviews to jog your memory or go to the book, *Math, you can do it!*

Keep in mind percents problem can be solved using ratio and proportion

Converting Percents to Fractions

Write the number in front of the percent symbol (%) as the numerator and write the denominator as 100. Simplify.

Converting Fractions to Percents

Divide the numerator by the denominator, convert the decimal to a percent by moving the decimal point 2 places to the right.

Write equivalent fractions using 100 as the denominator

Converting Percents to Decimals

Rewrite the percent as a fraction with a denominator of 100. Move the decimal point 2 places to the left.

Converting Decimals to Percents

Move the decimal point 2 places to the right.

Fraction-Decimal-Percent Equivalence Chart

Memorize equivalences for ease in doing arithmetic. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{8}$, $\frac{1}{10}$ and their multiples



Solving Percent Word Problems

Use the Percent Proportion

$$\frac{\textit{part}}{\textit{total}} = \frac{\%}{100}$$

Set the problems up algebraically