Prealgebra ~ Lesson 42
Work the following examples as you listen to the recorded lecture.

Solving Percent Problems with Equations

<u>Percent Problems</u>
1. Formula: $Percent \times Base = Amount$
2. Percent – must be converted to and from a decimal
3. Base – follows the word "of".
4. Amount – next to the equal sign.

Translate the following percent problems and solve:

Example 1: 36% of 72 is what number?

Example 2: 0.7 is 20% of what number?

Example 3: What percent of 40 is 60?