

## Prealgebra ~ Lesson 42

Work the following examples as you listen to the recorded lecture.

### Solving Percent Problems with Equations

#### Percent Problems

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?