

Lesson 40: Percents

Purpose of lesson: You will learn what **percents** are.

Words to Learn: ***Percent** means parts per 100. **Percent** is a word often used in business. It is another way of writing a decimal.*
***%** is the symbol used for percent.*

Example: 20% means 20 per 100 or .20 or $\frac{20}{100} = \frac{1}{5}$



Where do we see percents?

We see percents:

- 1) When we shop we sometimes hear of sales for **10% off**.
- 2) Or when we buy a car, we have to pay interest on the loan (sometimes called **APR** that stands for **Annual Percentage Rate**), that is a **percent**.
- 3) When we pay **sales tax** in the store, that is a **percent**.
- 4) **Percents** are used in other ways, too. We will learn more about them as we go along in this lesson.

In order to use **percents**, you must change them into **decimals**.

This is how you do it:

From where the % sign is, move two (2) places to the **left** and put a decimal point.

Let's look at these examples:

- a) 25% is .25 b) 15% is .15 c) 200% is 2.00 **and...**

d) If there is only 1 (one) number in the % add a "0" then put the decimal point like this:

5% is .05

8% is .08

2% is .02

Now it's your turn to try some:

Take Lesson 40 Quiz 1

NOW YOU ARE READY TO WORK WITH PERCENTS TO SOLVE PROBLEMS!