

# Percent Calculations

## Discussion:

When doing mathematics for business, you will often work with percents. You must be able to calculate percentages from fractions, calculate the percent part of a number, and many others. In this activity you will explore how to use the fx-9750G Plus with percents and decimals while reviewing the concepts of percents and decimal calculations.

## Using the fx-9750G Plus calculator:

Press the **AC/ON** button, the **MENU** key and select **1** for RUN.

### Example 1:

What is 62.5 percent as a decimal?

Answer:

$$62.5 \div 100$$

On calculator:

Type **62.5 ÷ 100 EXE**

The answer appears on the right hand side of the screen: 0.625



The decimal of 62.5% is 0.625.

$$62.5/100$$

0.625

### Example 2:

What is 30% of 50?

Answer:

$$30 \div 100 \times 50$$

On calculation:

Type **30 ÷ 100 x 50 EXE**

The answer appears on the right hand side of the screen: 15

$$62.5/100$$

$$30/100 \times 50$$

0.625

15

30% of 50 is 15.

## Practice Problems:

1. What is 20% of 20?
2. What is 20% as a decimal?