

# Scientific Notation, Calculator Notation, Rounding

## Objective:

By the end of the lesson you will be able to:

- Understand and correctly use Scientific Notation
- Understand and use Calculator Notation
- Round correctly

# Scientific Notation

Scientific Notation is a very specific way of writing expressions.

It is always a single digit number followed by a decimal  $\times 10^x$ .

For example:  $3.23498763 \times 10^4$

Write the following using scientific notation:

a) 3456.2

b) .25345

c) 12.2689

d)  $10 \times 3456.2$

## Calculator Notation

**When you get an answer on a calculator that is VERY big or VERY small it is written in a form that is close to scientific notation:**

**For Example: .3456723956 E<sup>10</sup>**

**e) Write the example number as an integer.**

**f) What do you think 3.456723956 E<sup>-10</sup> is?**

# Rounding

**You need to be VERY good at rounding in high school.**

**Let's practice a few problems:**

**g) Round to the nearest hundredth: 12.454**

**h) Round to the nearest hundredth: 12.45492**

**i) Round to the nearest cent: \$563.1536**

**j) Round to the nearest hundred: \$563.1536**

**k) Round to the nearest integer: 12.45492**

Secondary 2 lesson 1.5: Scientific Notation, Calculator Notation, and Rounding

# Can You?:

Understand and correctly use Scientific Notation,  
Calculator Notation, and Rounding

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Assignment  
1.5 Packet and XL