

# Warm-up

**Determine the correct number of significant figures in each:**

a) 3427

b) 0.00456

c) 123 453

d) 172

e) 0.000984

f) 0.502

g)  $3100.0 \times 10^2$

**Solve. Use the correct number of significant figures for each answer:**

a) 17.34

4.900

+ 23.1

b) 9.80

- 4.762

c)  $3.9 \times 6.05 \times 420$

d)  $14.1 / 5 =$

# Scientific Notation

Scientists have developed a shorter method to express very large numbers. This method is called **scientific notation**. Scientific Notation is based on powers of the base number 10.

123,000,000,000 in scientific notation is written as :  
 $1.23 \times 10^{11}$

## Try a few



# **Worksheet - Significant Figures**

## Attachments

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S10 sig figs answers.notebook