

Ch 100: Fundamentals for Chemistry
Chapter 2: Worksheet

Scientific Notation:

Express the following numbers in scientific notation:

- a) 543
- b) 20,000,000
- c) 12,000.0
- d) 0.0000230
- e) 0.0012

Significant Figures:

Determine the number of significant figures for each of the following measurements:

- a) 2.303 meters
- b) 5.50 seconds
- c) 0.024 liters
- d) 24.3 kilograms
- e) 115.20 centimeters
- f) 100 miles/hour