

# 1

## The Mathematics of Calculation

### 1.1 Order of Operations & Formulas

- ▶ Use the order of operations to evaluate a numerical expression.
- ▶ Use a calculator to evaluate a numerical expression.
- ▶ Use the order of operations to evaluate a formula.

### 1.2 Rounding & Calculators

- ▶ Round numbers in a real-life context.
- ▶ Read large and small numbers.
- ▶ Understand the concept of “garbage in, garbage out.”

### 1.3 Using Percent

- ▶ Understand and find a percent of a number.
- ▶ Determine what percent one number is of another number.
- ▶ Use percent to represent change.

### 1.4 Units & Conversions

- ▶ Use unit analysis to “balance” both sides of a formula.
- ▶ Convert within a given system of measure.
- ▶ Convert between different systems of measure.