

# Solving Scientific Equations

Follow these steps for solving scientific equations on your own:

## Instructions for Solving Equations:

1. Identify the relationship between the variables.
2. Identify the known values.
3. Identify the unknown value.
4. Substitute the known values in the equation.
5. Isolate the unknown variable by itself.
6. Solve the equation!

## Common Scientific Equations:

Density = mass/volume

Force = Pressure X Area

Speed = distance/time

Acceleration = speed/time

Force = mass X acceleration