

# The Five Step Problem Solving Method

1. State and write down all known and unknown variables, including units.
2. Write down the appropriate “parent” equation for the situation.
3. Algebraically solve the parent equation to isolate the unknown variable.
4. Substitute all known values and units into the algebraically-solved equation with the unknown variable isolated.
5. Calculate a solution and include appropriate units (all courses) and significant figures, if applicable (Chemistry only).