

Problem Solving Template

Attach a statement of the problem

Name(s): _____

Period: ____

FOCUS on the PROBLEM
Picture and Given Information

Question(s)

Approach

DESCRIBE the PHYSICS
Diagram(s) and Define Quantities

Target Quantity(ies)

Quantitative Relationships

PLAN the SOLUTION
Construct Specific
Equations

EXECUTE the PLAN
Follow the Plan

Check for Sufficiency

Check Units

Calculate Target Quantity(s)

Outline the Math Solution

EVALUATE the ANSWER
Is the Answer Properly Stated?

Is the Answer Unreasonable?

Is the Answer Complete?
