

Problem-Solving Strategy

1. Identify the Problem

Picture of problem

Given information:

Problem to be solved:

General Approach:

2. Set Up the Physics

Diagram axes and define variables

Target variables:

Relevant Equations:

3. Solve the Problem

Construct specific equations

Outline the solution

Solve for target variables

4. Evaluate your Solution

Units of solution correct?:

Insert numerical values:

Answer reasonable? Correct units?