Homework format

ME 563

Please use *white paper* for your homework problem solutions in order to produce better scans.

DUE DATE *(month, day, year)* ***PROBLEM NO.*** *(H#.#)* ***PAGE NO.*** *(# of #)* ***NAME*** *(last, first)*

Given**:** A concise statement (in your own words) of the information given.

Find**:** A concise statement (in your own words) of the information sought.

Solution**: Sketch the system** to be studied. USE A STRAIGHT EDGE for drawing lines. Always draw in the UNIT VECTORS for the coordinate systems that you use in your solution.

For kinetics problems, follow the four-step plan:

1. Draw FBD's
2. Write down the fundamental kinetics equations (Newton/Euler, work/energy, linear impulse/momentum, angular impulse momentum equations)
3. Kinematics
4. Solve

Work the problem symbolically.
At the end convert all quantities to a consistent set of units and substitute into the equations to obtain the answers.

Check your answers for correctness and feasibility.

Label the answers._____ANSWER