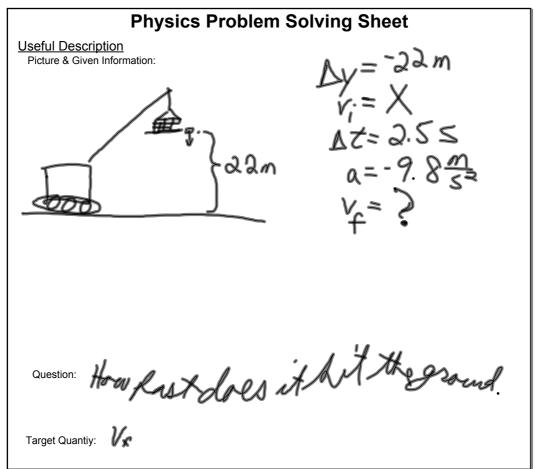
Proposed Problem

1Dmotion CRP#/

- Create Useful description sketch, graphs, define quantities, define problem
- Physics Approach list physics concepts that would apply to this problem
- <u>Specific Application of Physics</u> use the concepts to model mathematically model the problem
- Mathematical Procedures use the equations to solve the problem

Aug 5-9:52 AM



Physics Problem Solving Sheet (cont.)

Physics Approach

Physics Concepts and/or Principles:

Const. acc.

Specific Application of Physics

Assumptions/ Constraints:

Specific Equations:

ignore air res.

Dy=Vf At- =at2

Mathematical Procedures

Employ specific equations to solve for target quantity.

 $-22 m = r (3.52) - \frac{1}{2} (-9.8 \frac{2}{3}) (3.53)^{2}$

1/2-5/1m

Jul 26-9:49 PM