1. **Pictorial Representation**  
   ___ symbols, including masses and velocities  
   ___ coordinate axes  

   INITIAL  \hspace{1cm}  FINAL  

   List known quantities:  

   List unknown quantities:  

2. **Physical Representation**  
   Specify what the "system" is:  

   Which conservation law(s) apply, and why?  

3. **Mathematical Representation**  
   Apply the appropriate conservation law(s) in mathematical form and solve.  

4. **Evaluation**  
   ___ correct sign?  
   ___ appropriate units?  
   ___ reasonable magnitude?