


Problem Solving




Problem Solving Hints

- Follow the given problem solving method
- Show your work
- Circle your final answer
- Yes—units are needed




Steps of the Problem Solving Method

- Read the problem carefully.
 - Note values, physical quantities and units of measure
 - Look for hidden values; eg. “starts from rest”
- Sketch the problem
 - Draw in the vectors and label with symbol and value
- Construct a table of *Knowns* and *Unknowns*
 - List quantity-value-unit




Steps of the Problem Solving Method

- Find the relationship (equation/formula)
 - Check off from table of K & U
 - ? Over the unknown
- Re-arrange the equation isolating the unknown
- Plug and chug
- Check for reasonableness—estimate
- Circle the final answer



Sample Problem


- Page 71 #22
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Problem Solving

- Sample 1

