Strategic Problem-Solving Worksheet

Group:	Date:
MODEL: What models, physical laws, or general physics concept estimations are needed? Guesstimate a reasonable answer with units	is should be applied? What are you looking for? What assumptions or s. Consider limiting cases.
VISUALIZE: Draw a pictorial diagram labeled with variables y approach that you are taking in solving the problem. Draw any phys	your model. What is known? What is not? The diagram should suggest the ics diagrams that would be useful.

	Group:
SOLVE: Write down the equations that apply to this problem. Indicate in WORDS how you plan to solve the problem for the unknown variable in terms of the known variables. Substitute known values and calculate answer.	n. Algebraically solve

ASSESS: Is your result believable? Does the algebraic result make sense for any limiting cases that might improve your understanding of the result?? Does the answer agree with the prediction in your Model? Check your answer and units. Why was this problem assigned?