

Completed by Date Reference

Question # Page #

When solving problems, it is important to communicate how the problem was solved to others. Using a problem solving approach (such as Given → Required → Analysis → Set-up → Solve; or GRASS) is useful to help organize thought. Consider using this organization in your day-to-day problem solving, whether in math or in other subject areas.

<p>G (What is given?)</p>	<p><i>List the information given to you</i></p>	<p><i>Draw a picture</i></p>
<p>R (What is required?)</p>	<p><i>What is it that you are asked to produce / calculate?</i></p>	
<p>A (Analysis: how do I get from <u>given</u> to <u>required</u>?)</p>	<p><i>What tools or properties or formulas will be used?</i></p>	
<p>S (Set-up a way of solving the problem.)</p>	<p><i>List the problem solving steps. A well-prepared set-up is reusable – all problems of this type may be solved using this set-up. Is your set-up reusable?</i></p>	
<p>S (Solve the problem, state the result)</p>	<p><i>Is the result correctly rounded? Are units properly handled? Put a box around the answer.</i></p>	

