



<p><b>U</b> <b>Understand</b></p> <ul style="list-style-type: none"> <li>*Read the problem multiple times.</li> <li>*Summarize the question.</li> <li>*What information do you need to solve the problem?</li> </ul>	<p><b>P</b> <b>Plan</b></p> <ul style="list-style-type: none"> <li>*Which problem solving strategy or thinking pattern will help you solve the problem? Can you make a table? Are there multiple steps? <b>Tell how</b></li> <li>*Write an Equation</li> <li>*Estimate the answer.</li> </ul>
<p><b>S</b> <b>Solve</b></p> <ul style="list-style-type: none"> <li>*Carry out your plan.</li> <li>*Show your work!!</li> </ul>	<p> <b>Check for Reasonableness</b></p> <ul style="list-style-type: none"> <li>*Write your answer in sentence form.</li> <li>*Justify your answer. <b>Tell why</b></li> <li>*Is your answer reasonable compared to your estimate?</li> </ul>

**Ex:** Denton has 4 art books that are each 2 cm wide. He has 3 history books that are each 3 cm wide. Write and solve an equation to find  $w$ , the total width of Denton's art and history books.

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