

## Redecorating Your Room

**Problem:** You plan on redecorating your room by installing new carpet and new baseboard trim around the perimeter of your room. The length of your room is 12 feet and the width of your room is  $9\frac{1}{2}$  feet. Carpet costs \$4 per square foot. You will also need  $41\frac{2}{3}$  feet of baseboard trim which is priced at \$0.75 per foot. Determine the total cost of materials to redecorate your room.

<p><b>See</b></p> <p>What is the question asking me to do?</p> <p>What do I know?</p>  <p>What do I need to know?</p>	<p><b>Plan</b></p> <p>Draw a model that could be used to represent the situation.</p>
<p><b>Do</b></p> <p>Solve the problem.</p>  <p>Total cost of material: _____</p>	<p><b>Reflect</b></p> <p>My solution is reasonable because</p>

**Questions to Ask Myself:**

<p><b>See</b></p>	<p><b>Plan</b></p>
<p><b>Do</b></p>	<p><b>Reflect</b></p>