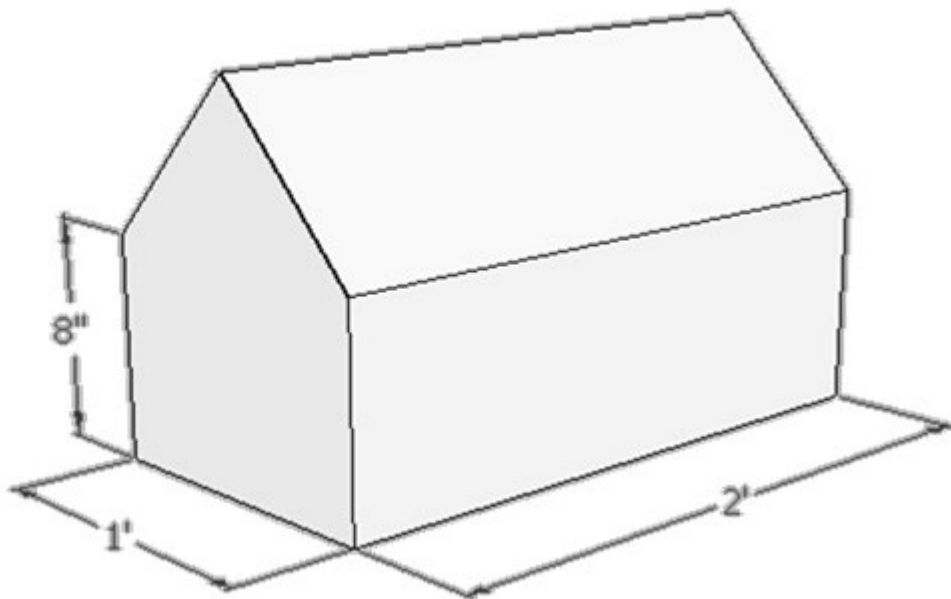



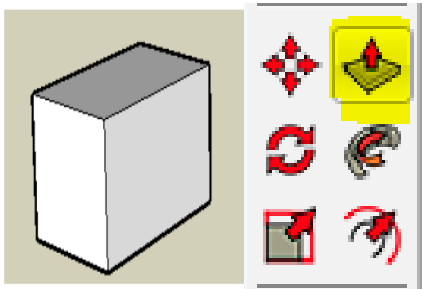
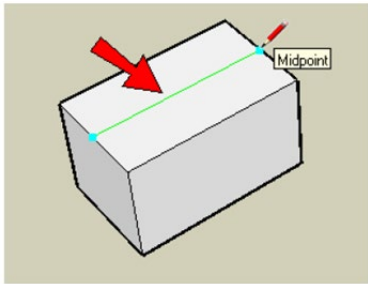
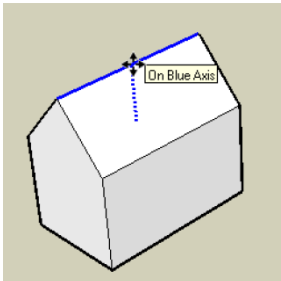
## 3D printed small house

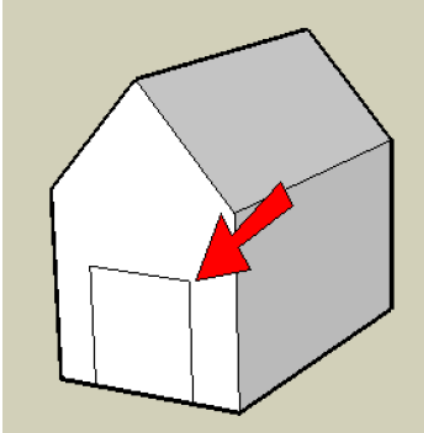
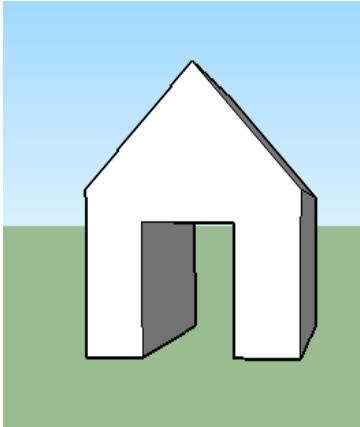
### Description:

Model a small house as instructed using SketchUp. Please use the following dimensions when modeling the house.

We will print a sample 3D house. The 3D printing process will be explained to you as part of the exercise.



<p>Step 1: Create the base</p>	<ul style="list-style-type: none"> <li>• In the <b>shapes tool</b>; (pull down arrow and) choose rectangle</li> <li>• Click anywhere on the window closer to the green area</li> <li>• Click and move cursor slightly on the green axis</li> <li>• Type in 1',2'</li> <li>• Press return on keyboard</li> </ul>	
	<ul style="list-style-type: none"> <li>• Click on the rectangle</li> <li>• Use the <b>push/pull tool</b> to pull up</li> <li>• While pulling up, type in 8"</li> <li>• Press return on the keyboard</li> </ul>	
<p>Step 2: Create the roof</p>	<ul style="list-style-type: none"> <li>• Select the <b>lines tool</b></li> <li>• Draw a line on the roof between the midpoints</li> </ul>	
	<ul style="list-style-type: none"> <li>• Select the <b>move tool</b></li> <li>• Pull midpoint line up to complete the roof</li> </ul>	

<p>Step 3: Create the door</p>	<ul style="list-style-type: none"> <li>• Select the <b>shapes tool</b>; pull down arrow and select rectangle</li> <li>• Place a rectangle on the front of your house</li> <li>• Then use the push pull tool to push the door to the other side.</li> </ul>	
	<ul style="list-style-type: none"> <li>• Now you can see into your house!</li> </ul>	
<p>Step 4: Create a window</p>	<ul style="list-style-type: none"> <li>• Select <b>shapes tool</b>; pull down arrow and select rectangle</li> </ul>	
	<ul style="list-style-type: none"> <li>• Place a rectangle on the side of your house</li> <li>• The use the push pull tool to push in a window similar to the door.</li> </ul>	