Read and complete based on the model you made.

1. Your atom represents the element	4. In which of the three main categories of elements is your atom located?
2. It has an atomic number of	5. In which group is your atom located?
<ul> <li>3. Describe how you made your model. (5 points)</li> <li>Explain which materials you used and why you used them.</li> <li>You should also explain how you determined the amounts of protons, neutrons and electrons for your atom.</li> <li>Finally, explain why you placed materials in certain locations of your model.</li> </ul>	6. Name two other elements that share similar properties of your atom.
	7. Based on the main category of your atom, list at least two physical <b>or</b> chemical properties your atom should have.
	8. How many valence electrons does your atom have? Describe how the valence electrons affect the reactivity of your atom:
	Bonus Questions: (+2 pts each)
	Identify the following elements based on each set of clues:
	It is a solid at room temperature It is shiny It is very strong, but lightweight It has similar properties of Zr but has a smaller atomic mass.
	It is a solid but does not have metallic properties It does share similar properties of CI It is often used to disinfect wounds, or skin before surgery Its isotope 131 is used to treat thyroid problems