

## Worksheet 8: Models of the Atom

Name: \_\_\_\_\_

NetID \_\_\_\_\_

Sec: \_\_\_\_\_

If: Model of the atom	And: what experimental measurement was done?	Then: What would happen if the model was correct?	But: What really happened?	Therefor: What new information do we know about matter?
<b>Continuous:</b> <i>Description:</i>  <i>Explains:</i>  <i>Doesn't explain:</i>				
<b>Molecular/atomic:</b> <i>Description:</i>  <i>Explains:</i>  <i>Doesn't explain:</i>				
<b>Thomson:</b> <i>Description:</i>  <i>Explains:</i>  <i>Doesn't explain:</i>				

<b>Rutherford:</b> <i>Description:</i>  <i>Explains:</i>  <i>Doesn't explain:</i>				
<b>Bohr:</b> <i>Description:</i>  <i>Explains:</i>  <i>Doesn't explain:</i>				
<b>quantum:</b> <i>Description:</i>  <i>Explains:</i>  <i>Doesn't explain:</i>	What type of experiments would test the limits of this model?			