

Unit 2, Video 4: Atomic Theory

1. True or False: Traditional microscopes are helpful in understanding the atom.
2. True or False: Democritus used a great deal of experimentation to draw his conclusions.
3. True or False: Dalton's atom did not include a nucleus.
4. True or False: JJ Thomson was able to determine that the electron was negatively charged.
5. True or False: The atom is made up of mostly empty space.
6. True or False: Protons move around the nucleus like planets around the sun.
7. True or False: A ramp is an example of something that could be compared to quantized energy.
8. Fill in the missing information in the table below.

	Provide a sketch of the atom.	Which subatomic particles were included?	Describe the biggest flaw with this model of the atom.
Dalton's Atom			
Thomson's Atom			
Bohr's Atom			