

THE MECHANICAL UNIVERSE
Video 12 - The Millikan Experiment

Name: _____
Class: _____

1. The cathode ray tube eventually was eventually used for what entertainment device?
2. Who was the first person to split the atom?
3. What is the name of an individual unit of light?
4. What did Millikan measure?
5. What did Marconi develop?
6. What problem did Millikan have with using water droplets?
7. List the forces that acted on the falling drop of oil in Millikan's apparatus:
8. In what year did Millikan win the Nobel Prize?
9. On what did Millikan write down his laboratory notebook?
10. In what way did Millikan use his scientific judgement?
11. True or False. Passion and prejudice are never very far from any scientific process.
12. What belief is the central tenet in every scientist's faith?