



6. Revolution/ Orbital period:
  
7. Ions:
  
8. The difference between a positive and negative ion:
  
9. Celsius boiling and freezing points of water:
  
10. Kelvin boiling and freezing temperatures
  
11. Absolute Zero:

**The Standard Deviants Astronomy 1**  
**Part 2: The History of Astronomy**  
**Film Notes**

Name:

Date:

1. Explain why Pythagorean thought the Earth was round:
2. Explain the Geocentric Universe:
3. Plato thought that everything in the world was made up of what four things:
4. What shape was known as “God paths”?
5. Describe what Parallax is:
6. Explain how retrograde motion works:
7. Explain how Aristotle came to the conclusion that Earth didn’t move?
8. What were the contributions of Arabian astronomers in history?
9. Explain Occam’s Razor and it’s implications with Ptolemy’s theories:
10. Describe the heliocentric universe:
11. Explain why Copernicus’ theory wasn’t readily accepted:
12. What was Tycho Brahe the first to realize?

13. Use Keplers 3<sup>rd</sup> law to determine the distance to Mars from the Sun (show your work):

14. What is the eerie connection between Galileo and Newton?

15. Did an apple really hit Newton in the head?

16. What two factors affect gravity in our universe?

17. What are the colors of light in the spectrum?

18. Describe the difference between mass and weight:

19. Halving the distance between objects \_\_\_\_\_ the force of gravity! (Inverse square relationship)