

Name: _____
Date: _____
Period: _____

Review – Planets & Solar System
Reference Mr. Condon's Webpage for class notes

1. List the planets in order from Sun to Pluto.

2. What is the definition of a planet? _____

3. What is the largest planet? _____
4. Which planet has the slowest rotation? _____
5. From your planet data sheet, describe which planet is most like earth. Provide 2 pieces of evidence to support your claim. _____

6. How are the first 4 planets different than the next four planets? _____

7. The pattern of inner, rocky planets and outer, gas planets suggests the solar system was formed in a particular way. Describe how it was formed. _____

8. What property of the inner planets is most responsible for their distance from the sun? _____

More on the back

9. The sun rises in the east and sets in the west. This observation suggests that it is the sun which moves and not the earth, a Geocentric Solar System. Whose idea was this? _____

10. What is one piece of evidence used by this astronomer to prove his idea? Explain his reasoning. _____

11. When the sun is placed at the center of the Solar System this model is called _____

12. Wednesday September 23 was the first day of spring. What is the official name of this day? _____
13. On this day describe the comparative length of day & night. _____

14. On which line of Latitude must you be standing on this day to see the sun directly overhead? _____
15. Draw a diagram of the earth & sun on that day.

16. A lunar eclipse occurred during a supermoon on September 25th of this year. Describe this event. _____

17. Draw a lunar eclipse.