**Science 9 Review for Test – Complete the following questions on your own paper**. October 2, 2019

**Page 434 – Textbook #2, 3, 4, 5, 6, 8, 9, 10, 11 (difference between rotation vs revolution), & 12.**

1. Name the planets in order from the sun outward.
2. What are the inner planets? What is the term used for the inner planets?
3. What are the outer planets? What is the term used for the outer planets?
4. What separates the inner planets from the outer planets?
5. Which planet…
   1. Has the most moons?
   2. Is tilted 90o on its axis?
   3. Is the hottest?
   4. Is the coldest?
   5. Is the largest?
   6. Is the smallest?
   7. Is given its name from the God of Love and is the brightest planet?
   8. Is given is name from the God of War?
   9. Has a storm 3 times the size of Earth?
   10. Has an acidic atmosphere?
   11. Has intelligent life on it?
6. What are 3 trends (similarities, differences) that you can notice about the planets looking from the sun outward?
7. What does 1 a.u represent?
8. What is an asteroid?
9. What is a meteorite?
10. What is a meteoride?
11. What is a meteor?
12. What is a comet? What is the biggest comet we know?
13. How long does it take the Earth to make one rotation? What about one revolution?
14. The Earth is tilted how many degrees?
15. What are the four seasons and approximately when do they occur?
16. What does the summer and winter solstice mean? Which one of them (and the day) is the longest and shortest days of the year in terms of sunlight?
17. If you went to Australia between December and March, what season would you expect to see?
18. What does the spring and autumn equinox mean?
19. How long does it take the moon to travel around Earth?
20. What are the 8 phases of the moon?
21. Why do we always see the same side of the moon?
22. Why are there craters on the moon?
23. What is a solar eclipse?
24. What is a lunar eclipse?
25. Why do we not experience solar and lunar eclipses every month?