

Quarter 4 Test 2 – Solar System Study Guide

Test Questions: 24 Multiple Choice
 3 Completion (fill in the blank)
 3 Short Answer

Complete the Following on Your Own Paper:

1. What is the geocentric view of the solar system? Who helped propose this viewpoint?
2. What is the heliocentric view of the solar system? Who first proposed this viewpoint?
3. What were Galileo's two pieces of evidence for the heliocentric solar system?
4. What did Kepler learn about the planets' orbits?
5. How did Newton explain the forces of gravity and inertia in relationship to the solar system?
6. How does the sun produce energy? Where is the energy produced?
7. How long will the sun's fuel last?
8. What layer of the sun's atmosphere do you see in a photograph?
9. What layer of the sun's atmosphere produces the solar wind?
10. What are sunspots?
11. What are solar prominences?
12. How do solar flares cause electrical problems on Earth?
13. What do all the inner planets have in common?
14. How is the Earth different from all of the other planets in our solar system?
15. What other planet besides Earth once had liquid water on its surface?
16. How are Venus and Earth alike?
17. Why do the atmospheres of the gas giants not escape?
18. What do the four outer planets have in common?
19. What are Saturn's rings made up of?
20. How is Uranus different from the other planets?
21. What shape are the orbits of most comets?
22. Where is the asteroid belt?
23. What is the difference between a meteoroid, meteor, and meteorite?
24. What bodies make up the solar system?
25. What are the 8 planets named in order from the sun?