

Answer Key

1. Io
2. Venus
3. Mercury
4. Eleven years
5. No, they are just empty, dry flat plains
6. Saturn
7. Jupiter
8. Phobos and Deimos
9. None (Zero)
10. Mars
11. D
12. G
13. F
14. B
15. A
16. I
17. H
18. J
19. C
20. E
21. a)
22. Disturbances in the Sun's magnetic field
23. Synchronous rotation
24. Saturn
25. Jupiter
26. Mercury
27. Photons
28. Earth
29. Yes
30. Answers may vary; name a comet that passes by earth regularly
31. 5,000,000,000 years
32. 93,000,000 miles
33. Small fragments of rock and ice.

34. Jupiter, The great red spot
35. Uranus
36. The Kuiper Belt
37. Europa, moon of Jupiter
38. Neptune
39. Answers may include: solar prominences and flares, sunspots, aurora borealis.
40. Pluto
41. Jupiter
42. Venus
43. Coma
44. Gibbous
45. 29.5 days
46. Convection in the outer layers of the Sun
47. Photosphere
48. Radiation zones outside the Earth
49. Mercury
50. A constant stream of charged particles coming from the sun