

Solar System Scavenger Hunt

1. What is the name of the only moon in the solar system that has an atmosphere?
2. What are the two main components of the atmospheres of Jupiter and Saturn?
3. What are the three types of planets?
4. The Sun accounts for how much of the solar system's mass?
5. What was the first planet found using mathematical prediction?
6. What are the names of the 5 dwarf planets?
7. What is an asteroid?
8. Which terrestrial planet has the densest atmosphere?
9. What are the names of the 4 jovian planets?
10. In what year was the term "dwarf planet" first used?
11. What was the name of the first spacecraft to fly past Pluto?
12. What are the names of Mars' moons?
13. What is the temperature of Venus?
14. Which planet's moons are named after Shakespearian characters?
15. How many Earths would fit across the Sun?
16. What is the name of the dwarf planet closest to the Sun?
17. What did Sir William Herschel want to name the planet Uranus?
18. What percent of Earth's surface is covered by oceans?
19. What are the names of Jupiter's 4 largest moons?
20. What percent of the Moon's surface can be viewed from the Earth?
21. Which dwarf planet is farthest from the Sun?
22. What are the names of the 4 terrestrial planets?
23. What is a comet?
24. How many Earths would fit in Jupiter's Great Red Spot?
25. During what event is the Sun's corona visible?
26. What is perihelion?

27. Earth's core is composed mostly of what element?
28. In what year did humans last walk on the Moon?
29. What is the 4th goal of Mars exploration?
30. Which planet has the fastest winds?
31. How old is the Sun?
32. What is the largest terrestrial planet?
33. How long would it take a flyby mission to reach Eris?
34. Which planet has the largest ring system?
35. Dwarf planets Haumea and Makemake were named after goddesses from what culture?
36. What is a volatile?
37. What percent of their lifetime do stars spend fusing hydrogen into helium?
38. What is aphelion?
39. What is the name of Pluto's largest moon?
40. What did the 1989 Voyager 2 flyby discover in the southern hemisphere of Neptune?
41. What kind of wave pattern was found around the north polar vortex of Saturn?
42. Which of Jupiter's moons might have an ice-covered liquid ocean?
43. What is the principle determinant of the evolution and fate of a star?
44. What did the Kepler Space Telescope team report?
45. The Sun is currently what type of star?
46. What is the asthenosphere?
47. How long is a Mars day?
48. The planets Jupiter, Saturn, Uranus and Neptune formed beyond what line?
49. What is the visible surface of the Sun?
50. What are the light colored regions of the Moon called?