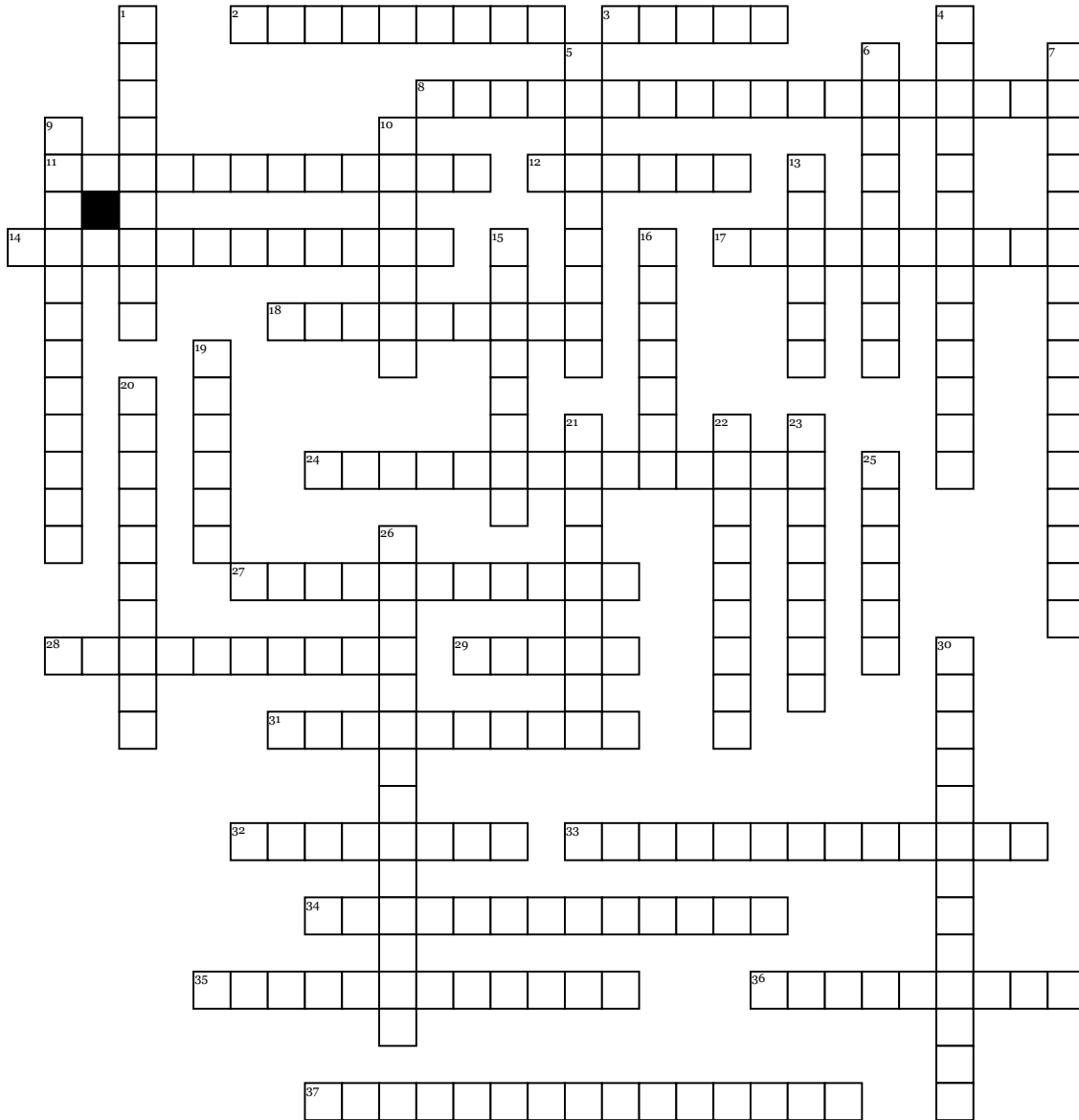


Name: _____

Date: _____

Astronomy Unit Terms



Across

2. Have massive atmospheres of gas
3. A celestial object with a nucleus of ice and dust; when near the sun, a "tail" of gas and dust particles point away from the sun.
8. Have solid, rocky surfaces like Mercury, Venus, Mars, Earth
11. The reddish, gaseous layer of the sun that we see
12. A giant cloud of dust and gas in space
14. Sun-centered
17. The place where the planet is closest to the Sun and moves the fastest
18. When light shifts toward shorter wavelengths as objects are moving closer to you
24. Beginning of summer
27. 1 of the 3 layers of the Sun we can see
28. Outer edge of the solar system containing Pluto; believed to contain many comets, asteroids, and other small bodies made largely of ice.
29. Dark spots on the moon

31. Fragments of rock that orbit the sun
32. The apparent movement of orientation of an object viewed from two different places
33. First Day of Spring
34. Most common theory for universe "birth"
35. Also known as a cosmic year, it is the time required for the Sun to orbit once around the center of the Milky Way Galaxy.
36. The study of celestial objects, space, and the physical universe as a whole.
37. Start of Fall

Down

1. Debris in the solar system
4. Group of stars that form a pattern
5. Meteor that reaches the ground
6. Has such strong gravitational effects that nothing—not even light and electromagnetic radiation such as light can escape from inside it.
7. The mean distance from the center of the earth to the center of the sun (a unit of measure).
9. The amount of elongation in an ellipse

10. The point in the orbit of the moon or a satellite at which it is nearest to the earth.
13. Part of the sun you can only see during an eclipse
15. Our spiral of the Milky Way galaxy
16. Look like stars, but contain massive black holes and may represent a stage in the evolution of some galaxies.
19. Phase of the moon between the full moon and the new moon - a moon that is getting smaller every night
20. Bending of light
21. Drags solar debris away from the sun
22. How far light travels in one year
23. Light shifting toward longer wavelengths as objects are moving away from you
25. Phase of the moon between the new moon and the full moon - a moon that gets bigger each night
26. Common name for aurora borealis
30. Name for the "outer planets." Ex. Jupiter, Saturn, Uranus, and Neptune