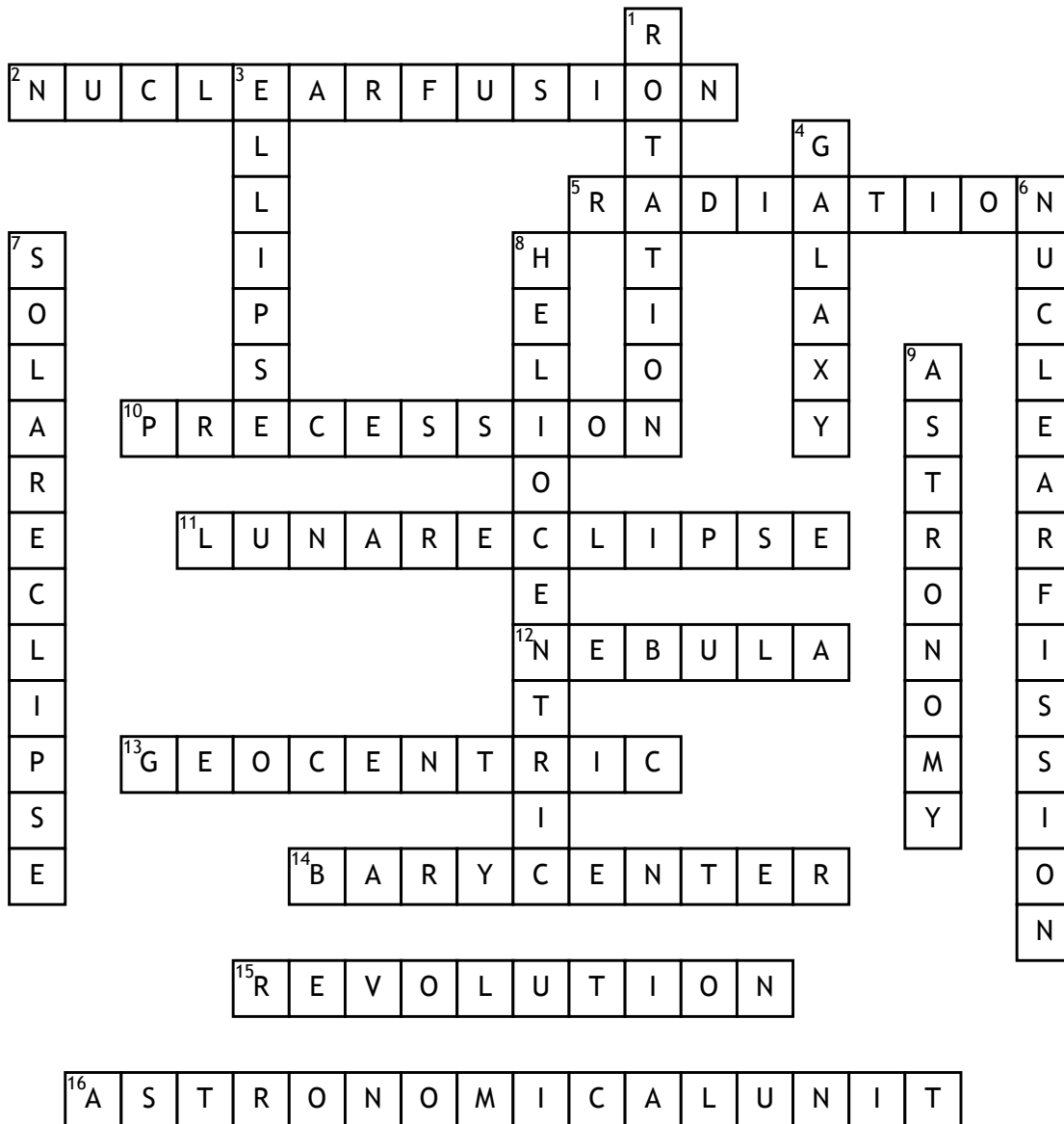


Name: _____

Astronomy Vocabulary



Across

2. the way in which the Sun produces energy; when nuclei combine
5. - the transfer of energy (heat) through space by electromagnetic waves
10. a slow motion of Earth's axis that traces out a cone over a period of 26,000 years
11. occurs when the moon passes through Earth's shadow.
12. a cloud of gas and/or dust in space
13. describes the concept of an Earth-centered universe

14. is the center of mass of two or more bodies that are orbiting each other

15. the motion of one body around another, as Earth around the Sun (causes the year)
16. the average distance from Earth to the Sun

Down

1. the spinning of a body, such as Earth, about its axis (causes day/night)
3. an oval; the shape that the orbits of the planets are thought to be

4. a group of stars, dust, and gases held together by gravity

6. occurs when the nuclei split into smaller nuclei and emit neutrons and heat energy

7. occurs when the moon moves in a line directly between Earth and the Sun, casting a shadow on Earth.

8. describes the view that the Sun is at the center of the solar system

9. scientific study of the universe