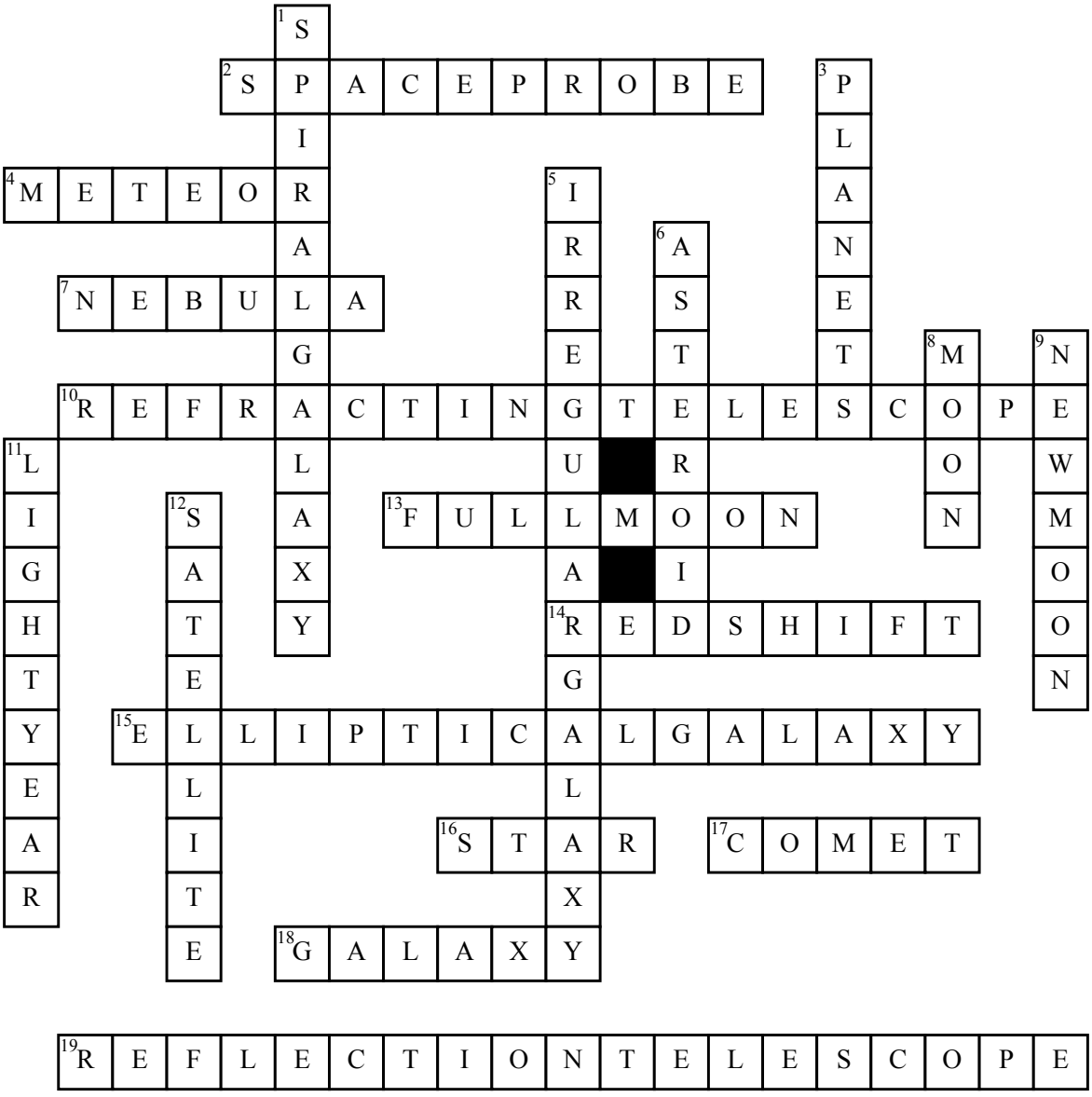
Name: _____

Astronomy vocabulary



Across

2. Aerospace. an unmanned spacecraft designed to explore the solar system and transmit data back to earth.

4. any of the small particles of matter in the solar system that are directly observable only by their incandescence from frictional heating on entry into the atmosphere

7. any of numerous clouds of gas or dust in interstellar space

10. telescope that uses a converging lens to collect light

13. the phase of the moon in which its whole disk is illuminated.

14. a shift toward longer wavelengths of the spectral lines emitted by a celestial object that is caused by the object moving away from the earth.

15. a galaxy that has a generally elliptical shape and that has no apparent internal structure or spiral arms called also elliptical compare spiral galaxy

16. A giant ball of hot gas that creates and emits its own radiation through nuclear fusion

17. a celestial body that appears as a fuzzy head usually surrounding a bright nucleus

18. An enormous gravitational bond assemble of the millions or billions of stars

19. a telescope in which a mirror is used to collect and focus light.

Down

1. a galaxy exhibiting a central nucleus or barred structure from which extend curved arms of higher luminosity

3. ny of the large bodies that revolve around the sun in the solar system (2) : a similar body associated with another star

5. is a galaxy that does not have a distinct regular shape, unlike a spiral or an elliptical galaxy.

6. any of the small rocky celestial bodies found especially between the orbits of Mars and Jupiter

8. the natural satellite of the earth, visible by reflected light from the sun (can only be seen at night).

9. the phase of the moon when it is in conjunction with the sun and invisible from earth

11. a unit of length in astronomy equal to the distance that light travels in one year in a vacuum

12. artificial body placed in orbit around the earth or moon or another planet in order to collect information or for communication.