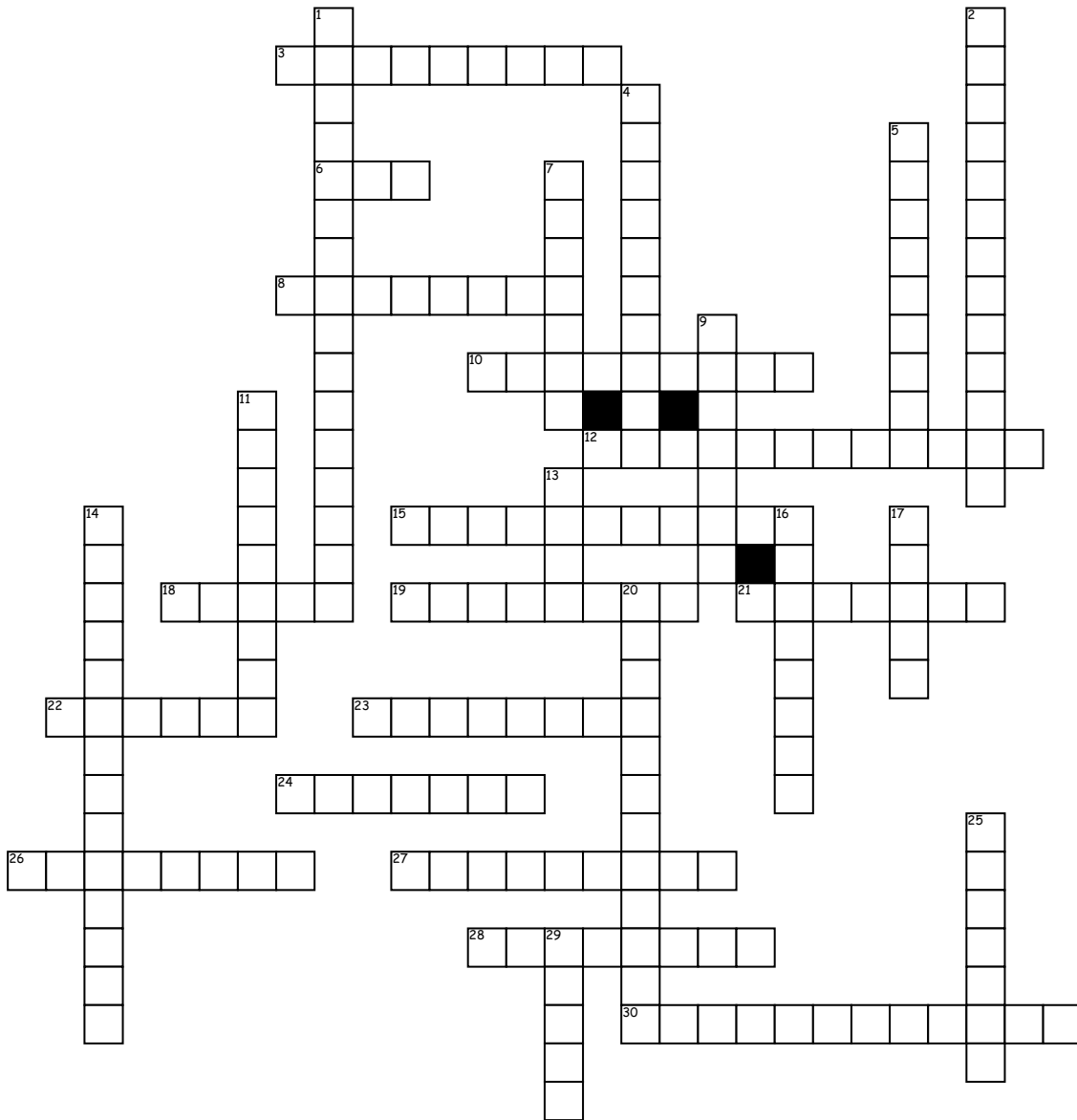


# Syanne's Astronomy Vocab Cross-Word Puzzle



**Across**

- 3. An exploding massive star is called a \_\_\_\_\_
- 6. The coolest stars in the universe are \_\_\_\_\_ in color
- 8. Masses of closed gravitational systems of stars and their satellites
- 10. The study of the stars
- 12. A model of the solar system that places the sun at the center of the solar system.
- 15. The \_\_\_\_\_ is the galaxy group that includes the Milky Way.
- 18. Burning balls of gas in space.
- 19. The entire celestial cosmos, an orderly and harmonious system
- 21. Internal \_\_\_\_\_ determines the shape of a galaxy
- 22. A huge cloud of dust and gas in space
- 23. The galaxy in which we live
- 24. Generally accepted theory about the beginning of the universe

- 26. the angle between an object in the sky and the horizon.
  - 27. Astronomical measuring unit used by cosmologists
  - 28. An ordered array of the components of an emission or wave
  - 30. A diagonal area on an H-R diagram that includes more than 90 percent of all stars
- Down**
- 1. Super bright stars with luminosity over 10,000
  - 2. The process by which hydrogen atoms join together to form helium, releasing energy
  - 4. A region so dense that even light cannot escape it
  - 5. Indicates that the galaxies are moving away from each other
  - 7. Mass of materials divided by its volume
  - 9. the line where the sky and the Earth appear to meet.

- 11. A graph that shows the relationship between a star's surface temperature and absolute magnitude
- 13. The hottest stars in the universe are \_\_\_\_\_ in color
- 14. Groups of stars that appear to form pictures
- 16. An apparent shift in the position of an object when viewed from different locations
- 17. The hunter constellation
- 20. This is what we call the sun, planets, and everything else that revolves around the sun (comets, asteroids, meteoroids).
- 25. This Italian astronomer was the first to use a telescope to study the stars; he also showed that two objects of different weights land at the same time when dropped (proving Aristotle wrong).
- 29. the 3rd planet from the sun