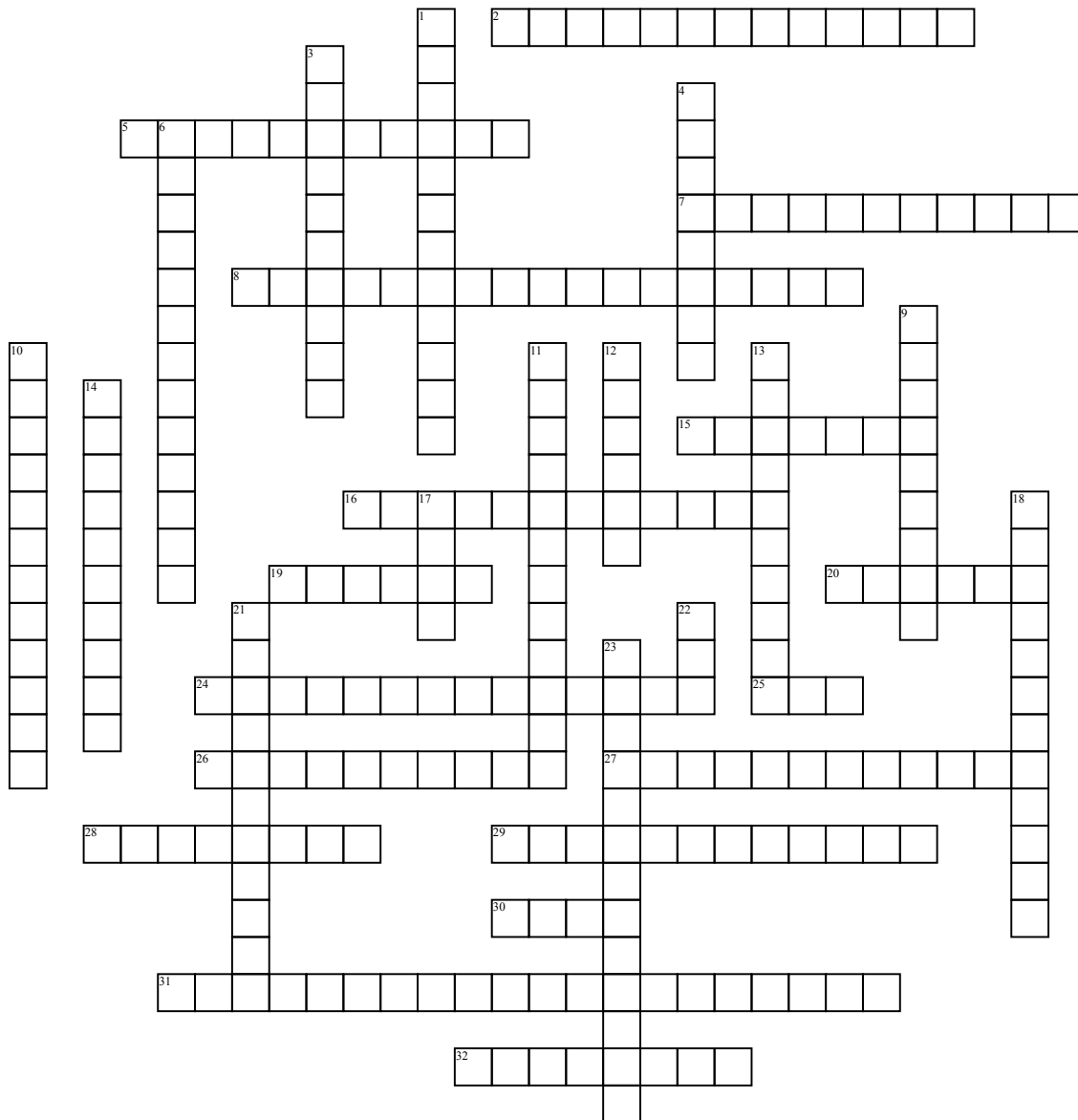


Chapter 22a Vocab



Across

2. Nuclei of hydrogen atoms combined under intense heat and pressure to form the nuclei of helium atoms in this process
 5. Streams of material that appear to rise into the corona, then fall back
 7. A tool that blocks the sun's disk
 8. Moon passes b/t the sun and the earth
 15. Another type of cloud in the sun's chromosphere
 16. During the sunspot cycle, the sun reaches its point of fewest sunspots
 19. Dense and intensely energetic ionized particles
 20. One type of cloud in the sun's chromosphere
 24. The layer of the sun where pressure is low enough that atoms are free to move
 25. Source of Light; a Star

26. A sudden eruption of magnetic energy on or near the surface of the sun
 27. The name of the unit of the distance from the earth to the sun
 28. Small dark areas that occasionally appear on the sun's surface
 29. Cycle that takes about 11 years
 30. The innermost region of the sun
 31. Radio waves, visible light, x-rays, etc.
 32. Mounds of hot plasma that rise from the sun's interior

Down

1. Tool that "fingerprints" light from stars and planets
 3. One-millionth of a millimeter
 4. Jets of plasma on the sun's surface
 6. An interior layer of the sun through which energy is transported
 9. Indicates anything having to do with astronomical objects

10. Peak of the sunspot cycle; greatest number of sunspots
 11. Thin layer of the sun's atmosphere just above the photosphere
 12. The ever-changing outer atmosphere of the sun
 13. One-billionth of a millimeter
 14. A flow of protons, electrons, and small atomic nuclei from the sun
 17. Outer edge of the visible surface of the sun
 18. Band of waves that our eyes and brain interpret
 21. The visible surface of the sun
 22. An extremely large mass of plasma and magnetic field released from the corona; name abbreviated
 23. Entire span of EM waves emitted by the sun