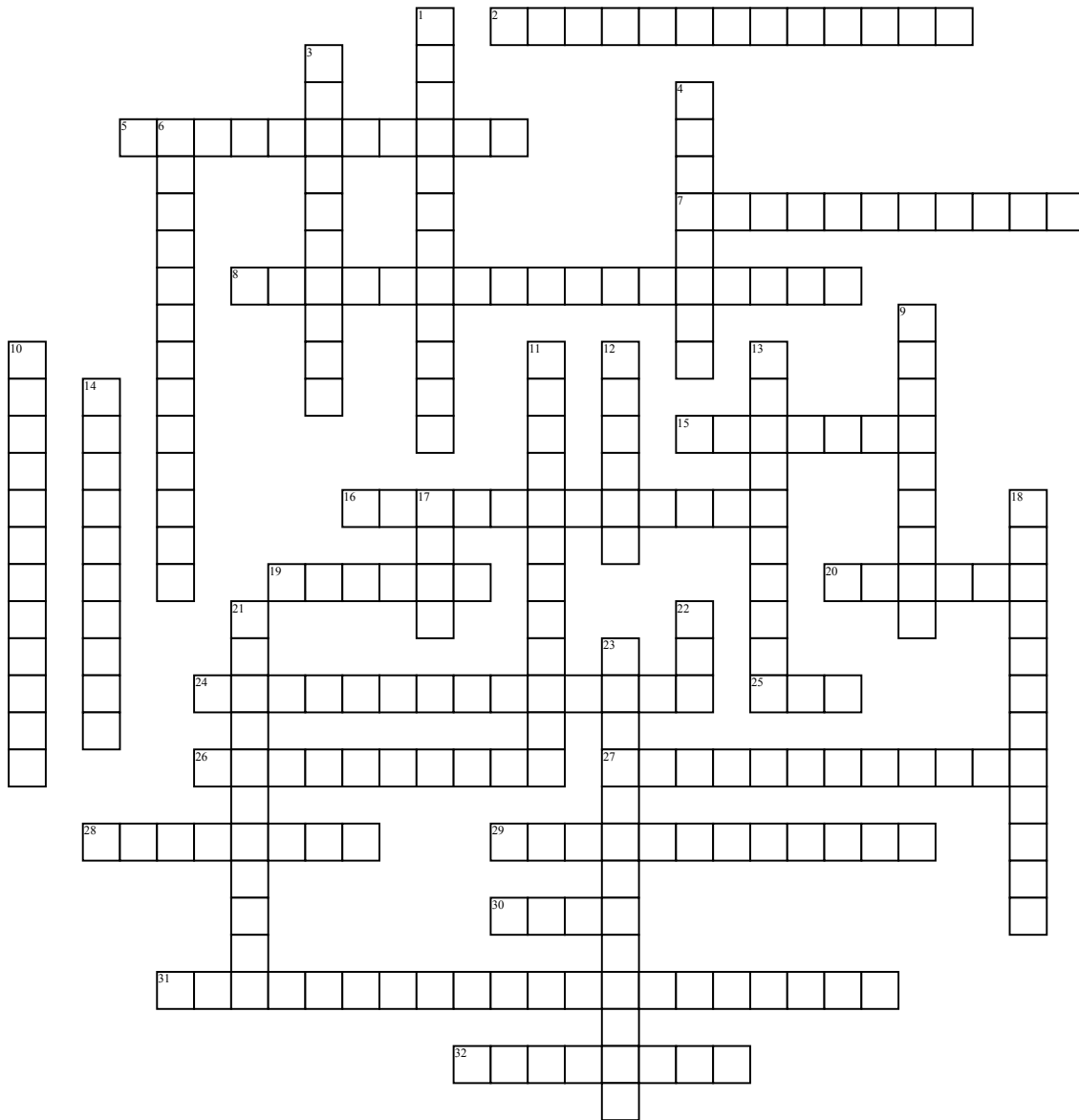


Chapter 22a Vocab



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