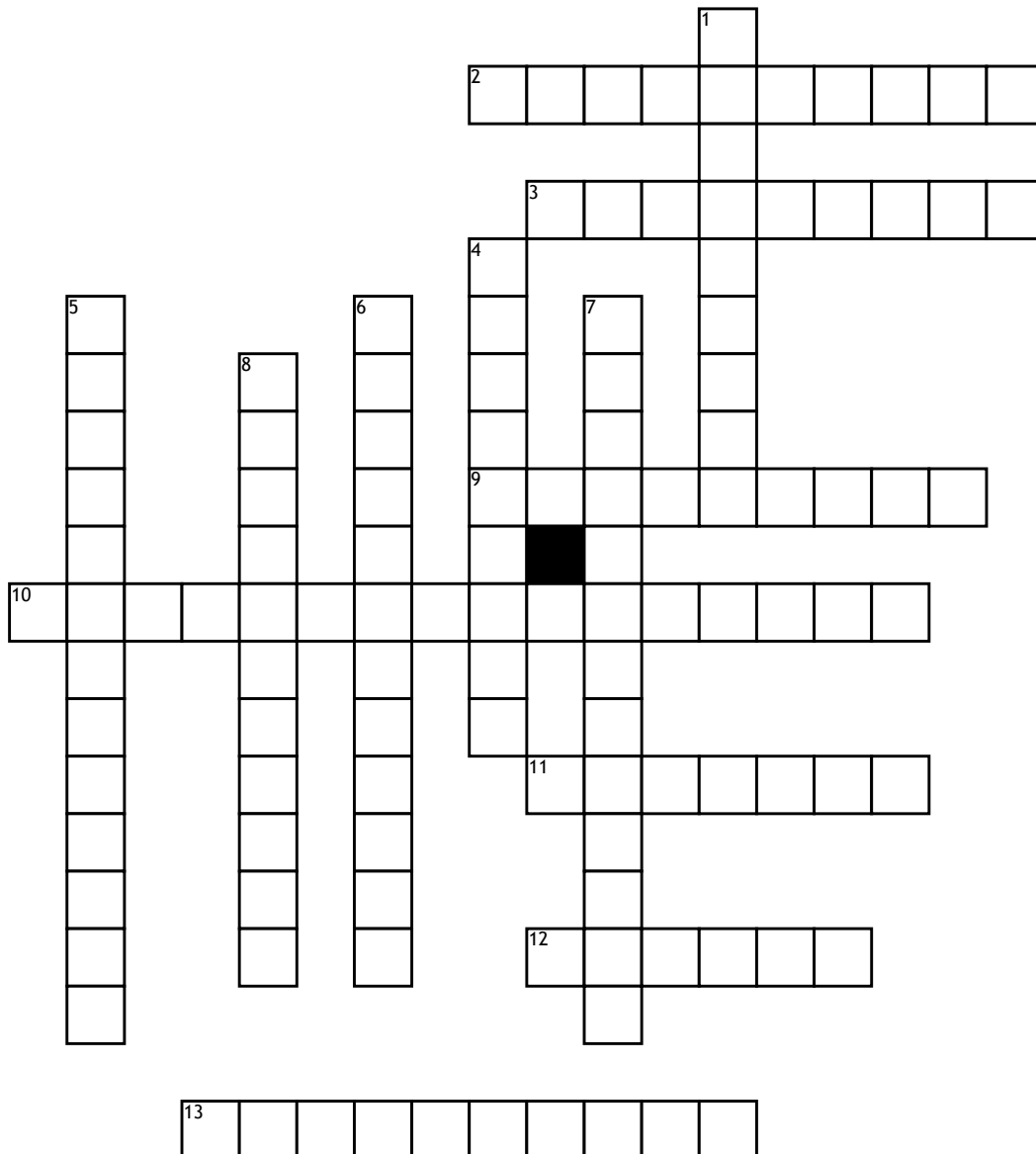


# Chapter 22A



**Across**

- 2. a projection
- 3. 1,000 times larger
- 9. a flow of mostly, protons, electrons and small atomic nuclei from the sun
- 10. the distance from the Earth to the sun
- 11. small dark areas
- 12. crown or wreath

- 13. sudden energetic explosion of the sun's matter that emits bursts of rays and particles
- Down**
- 1. one-trillionth of a meter or one-billionth of a millimeter
  - 4. anything having to do with astronomical objects
  - 5. the entire span of EM waves emitted by the sun

- 6. just above the photosphere
- 7. physicists believe that nuclei of hydrogen atoms combine under intense heat and pressure to form the nuclei of helium atoms
- 8. visible, light producing surface of the sun