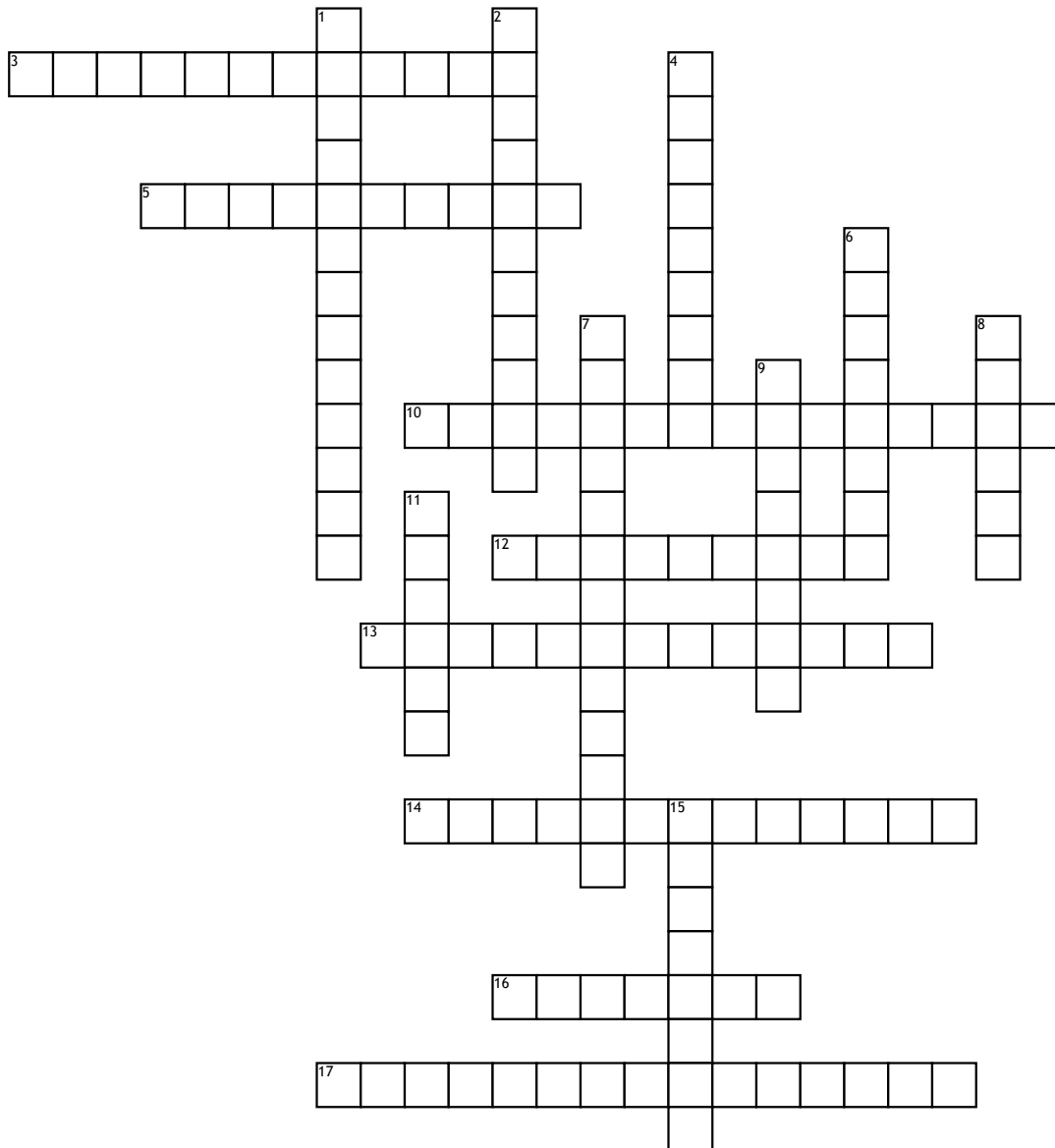


# Stars and elements



**Across**

- 3. The stable stage in a stars life
- 5. The last stage in an average stars life
- 10. The fourth stage in an average size stars life
- 12. One of the last stages in a massive stars life
- 13. The theory that marks the origin of the universe
- 14. An increase or decrease in the frequency of sound as the object passes by

- 16. A force that attracts a body to the center of the earth
  - 17. The process that creates new protons and neutrons
- Down**
- 1. When lighter elements fuse to create heavier elements with the release of energy
  - 2. One of the last stages in a massive stars life
  - 4. When a massive star starts to reach the end of its life span and explodes leaving behind lots of energy

- 6. All existing matter and space considered as a whole; the cosmos
- 7. The first stage in a stars life
- 8. A cluster of stars
- 9. One of the first elements created in the Big Bang
- 11. One of the first elements created in the Big Bang
- 15. The third stage in an average stars life