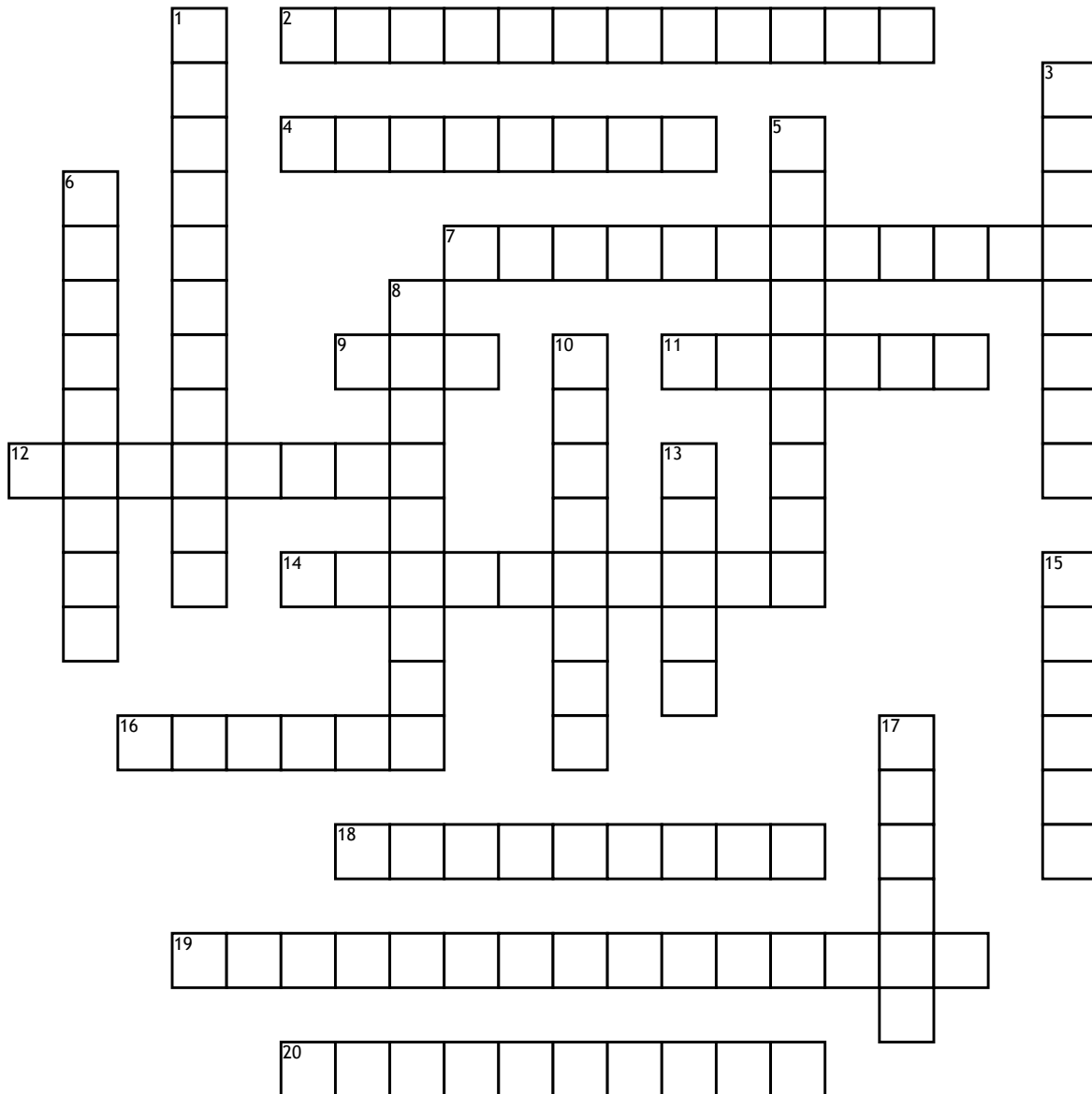


# E.C. Science Crossword Puzzle



**Across**

- 2. The rate at which reactants change into products over time.
- 4. Solids whose particles are arranged in a lattice structure.
- 7. The force that holds the ions or atoms together as a unit.
- 9. An atom that has a positive net or negative electric charge.
- 11. Elements that are good conductors of electric current and heat.
- 12. Most abundant metal in Earth's crust.
- 14. Elements with properties that fall between those of metals and nonmetals.

- 16. The columns in the period table.
  - 18. The force that holds cations and anions together.
  - 19. Electron that is in the highest occupied energy level of an atom.
  - 20. A chemical reaction that releases energy to its surroundings.
- Down**
- 1. A chemical reaction that absorbs energy from its surroundings.
  - 3. The new substances formed as a result of that change.
  - 5. The substance that undergo change in a chemical reaction.

- 6. He organized elements into rows according to their atomic mass and into columns based on chemical and physical properties.
- 8. Elements that are poor conductors of heat and electric current.
- 10. A substance that affects the reaction rate without being used up in the reaction.
- 13. An ion with a negative charge.
- 15. Most abundant element in the Earth's crust.
- 17. The rows in the periodic table.