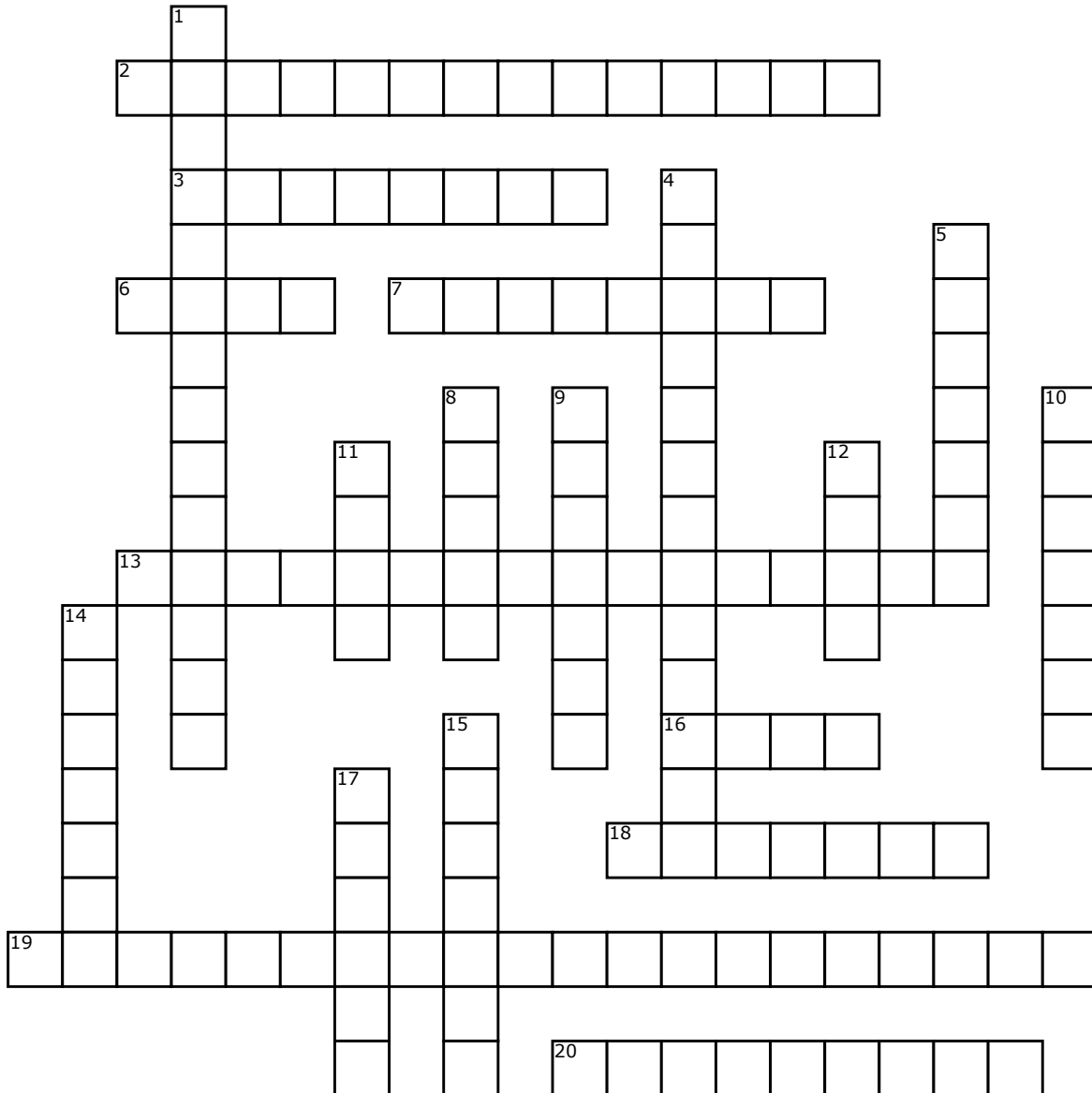


# Properties of matter



**Across**

- 2. when an objects physical appearance changes
- 3. Different atoms bonded together
- 6. Has a ph of 0-6
- 7. Subatomic particle with a negative charge
- 13. The outer rings of electrons
- 16. has a ph of 8-13
- 18. A subatomic particle with no electric charge

19. States that each type of matter is made up of only one type of atom

20. The elements before a chemical reaction

**Down**

- 1. When an objects chemical makeup changes
- 4. Shows every element
- 5. Horizontal rows of element son the periodic table
- 8. To push back or away by force

- 9. The atoms center, it contains a cluster of protons and neutrons
- 10. Shows an objects PH
- 11. A force of attraction that holds atoms together
- 12. The basic unit of a chemical element
- 14. The elements that come out of achemical change
- 15. A substance that is made of the same atoms
- 17. subatomic particle with a positive charge