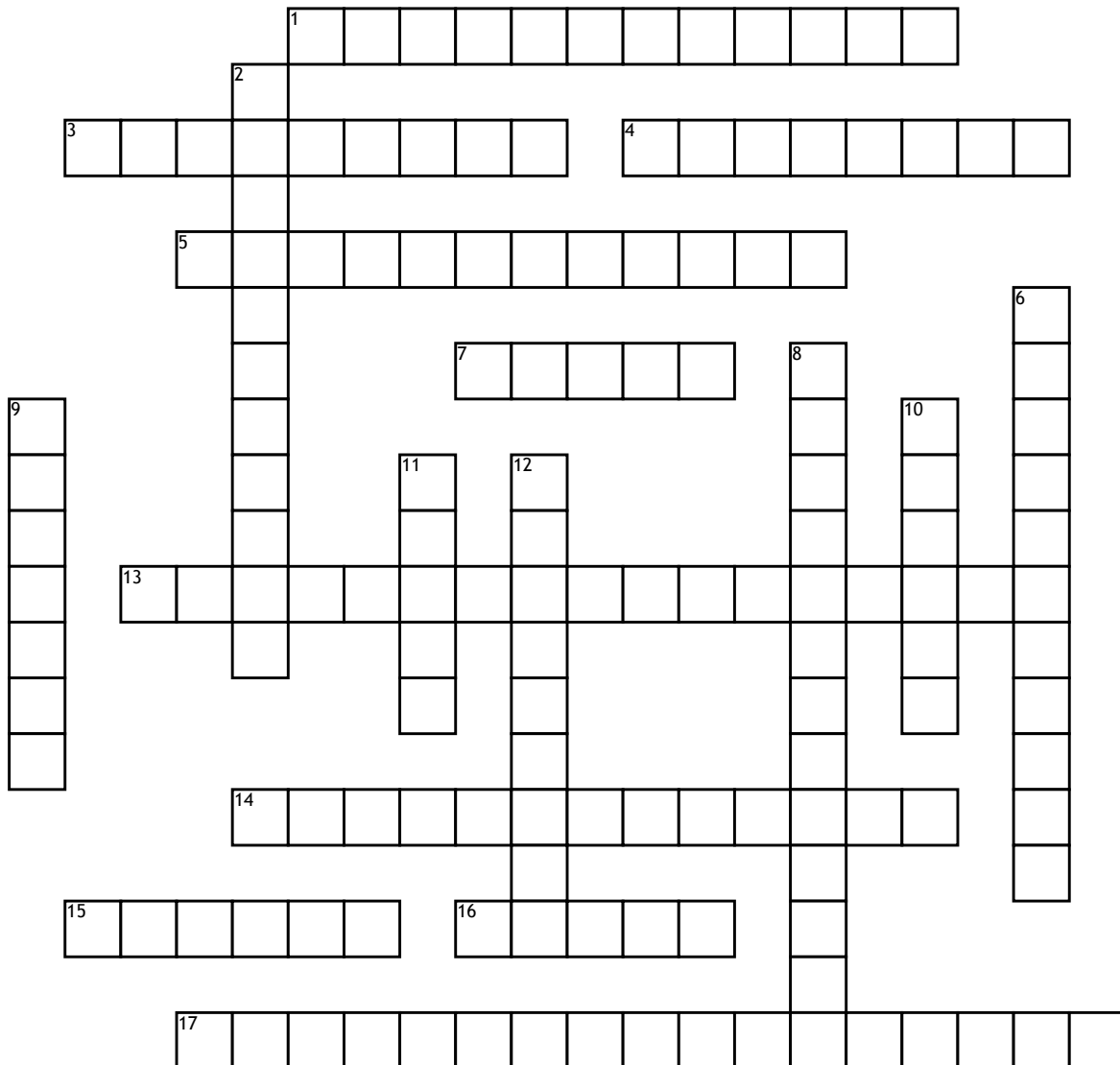


Unit 5 Vocab



Across

- 1. group 1 elements excluding hydrogen
- 3. element that has physical and chemical properties of metals and nonmetals
- 4. extremely unreactive group 18 element
- 5. the size of an atom
- 7. vertical column of elements
- 13. indicates the relative ability of an atom to attract electrons

14. the number assigned to each orbit of an electron

- 15. pocket of light
- 16. element that at room temp. is a solid and is a conductor of heat

17. elements in group 3-12

Down

- 2. elements 57-71
- 6. the stationary state of a quantum mechanical system
- 8. 3D region around the nucleus that describes an atom's probable location

9. highly reactive group 17 element

- 10. horizontal row of elements
- 11. unit used to measure frequency
- 12. states that electrons with the same spin must have equal energy orbital before opposite spin electrons can have the same orbital energy