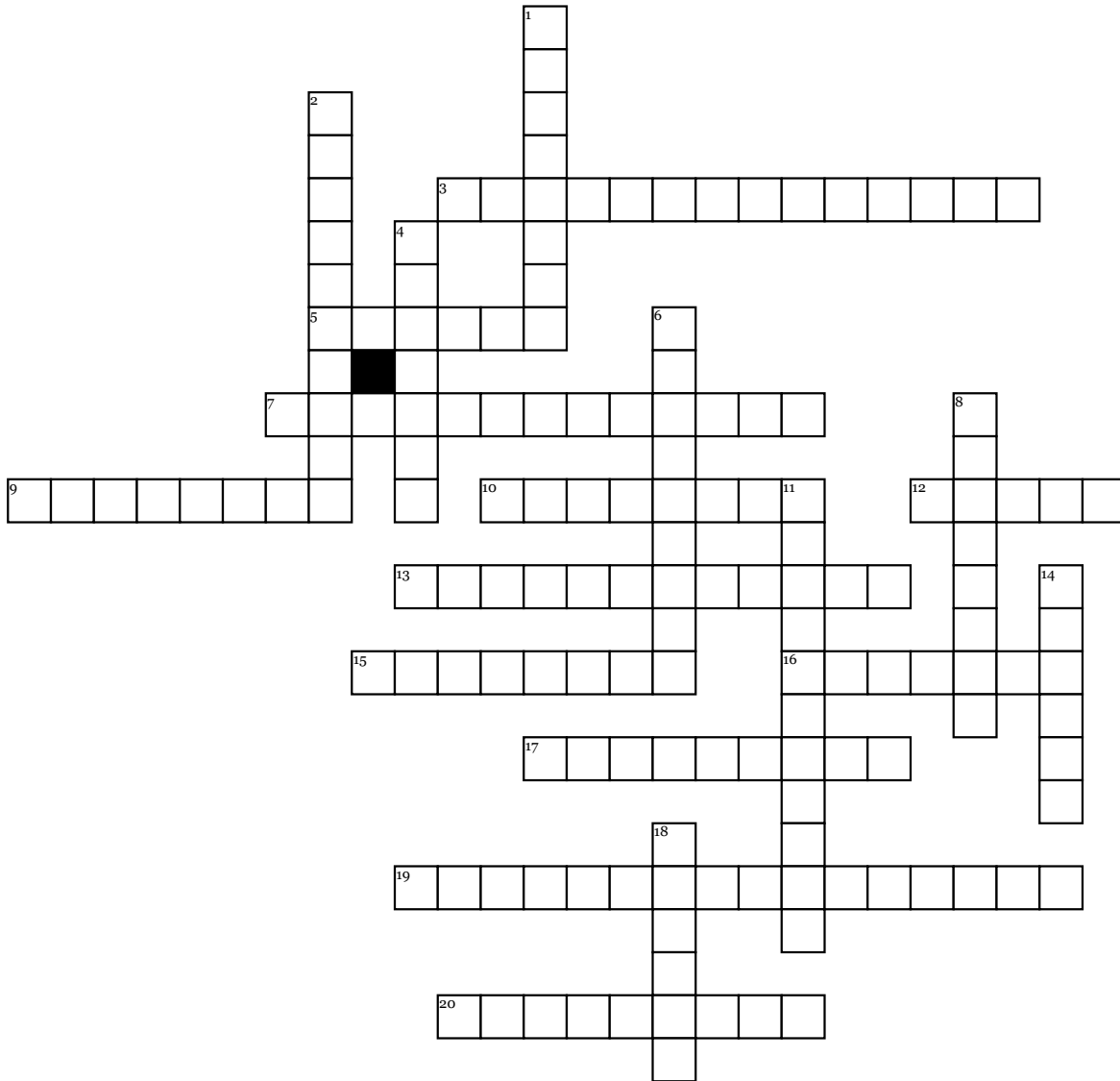


Name: _____

Physical Science



Across

- 3. AMU
- 5. This element is called the "basis of life"
- 7. Will react with alkali metals to form shells
- 9. Columns of elements are called groups or
- 10. The element that makes up 78% of our atmosphere
- 12. This element is a metalloid
- 13. The number of protons an element has

- 15. Can only be separated by physical means
- 16. A pure substance
- 17. Poor conductors of heat and electricity
- 19. The electrons in the outer energy level of an atom
- 20. Created the first accepted version of the periodic table

Down

- 1. Is in a family by itself
- 2. The "weight" of the atom

- 4. Each horizontal row of elements
- 6. Can only be separated by chemical means
- 8. Atoms that have more or less neutrons than protons
- 11. Colorless gasses that are extremely unreactive
- 14. Is composed of atoms and groups of atoms bonded together
- 18. These elements are ductile and malleable