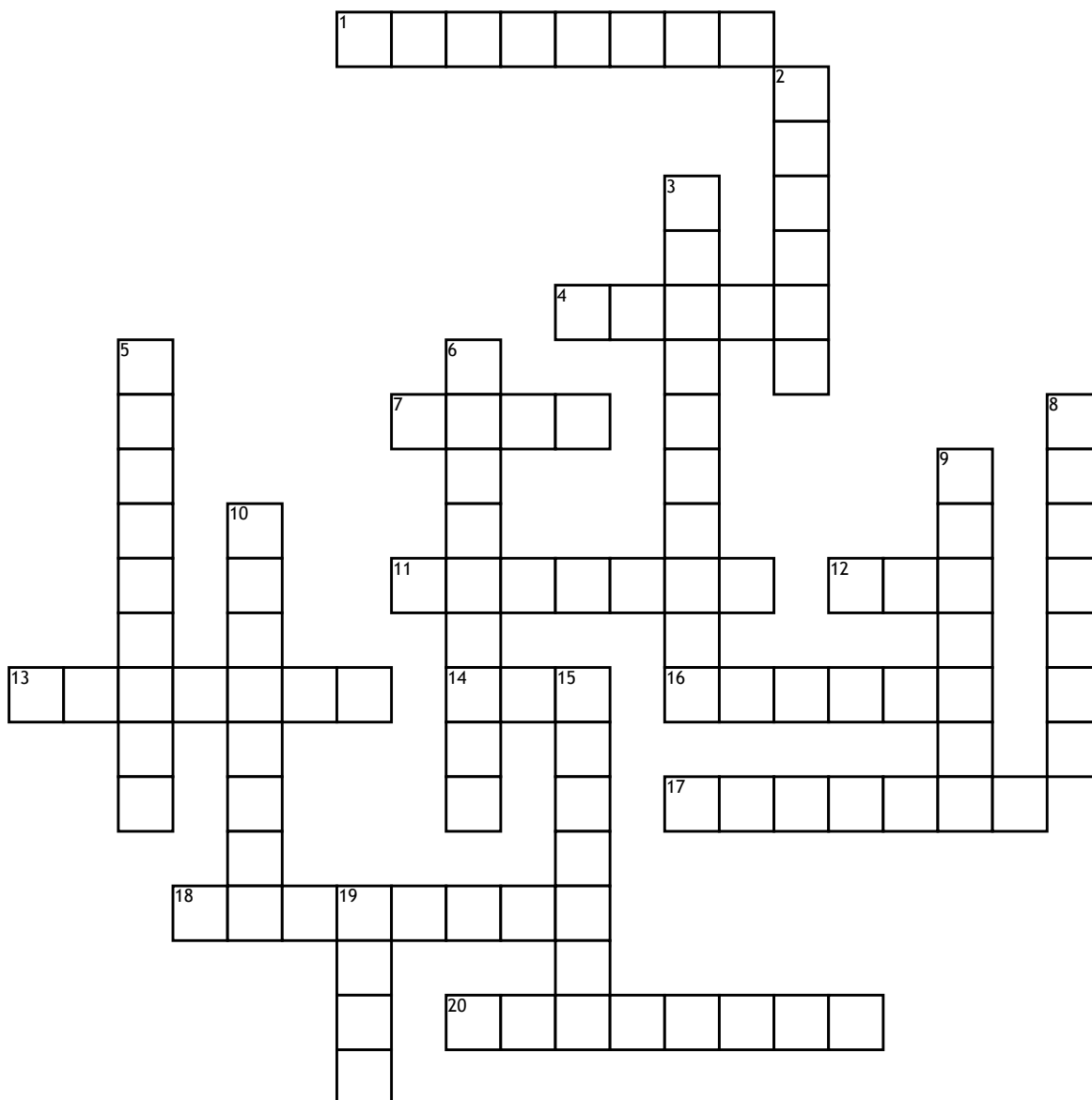


Name: _____

Date: _____

Atomic Structure



Across

1. Protons and neutrons are _____
 4. Mass # is always a _____ number
 7. The # in the upper left side of the element symbol stands for _____ number
 11. Neutrons have a _____ charge
 12. Abbreviation for atomic mass unit
 13. All atoms of the same element have the same # of _____
 14. If you change the # of electrons the particle is an _____

16. 32.065 is the atomic mass of _____

17. The number of electrons is equal to the number of _____
 18. Electrons have a _____ charge
 20. Protons have a _____ charge

Down

2. Atomic _____ tells you how many protons you have
 3. Weighted average of all isotopes of an element
 5. _____ are outside the nucleus

6. 24.305 is the atomic mass of _____

8. Atom that contains same # Protons but different # of neutrons is an _____
 9. Atoms are most stable when they have a Proton to _____ ratio of 1:1
 10. 17 is the atomic number of _____
 15. Mass of an atom is located in the _____
 19. Fundamental building block of matter