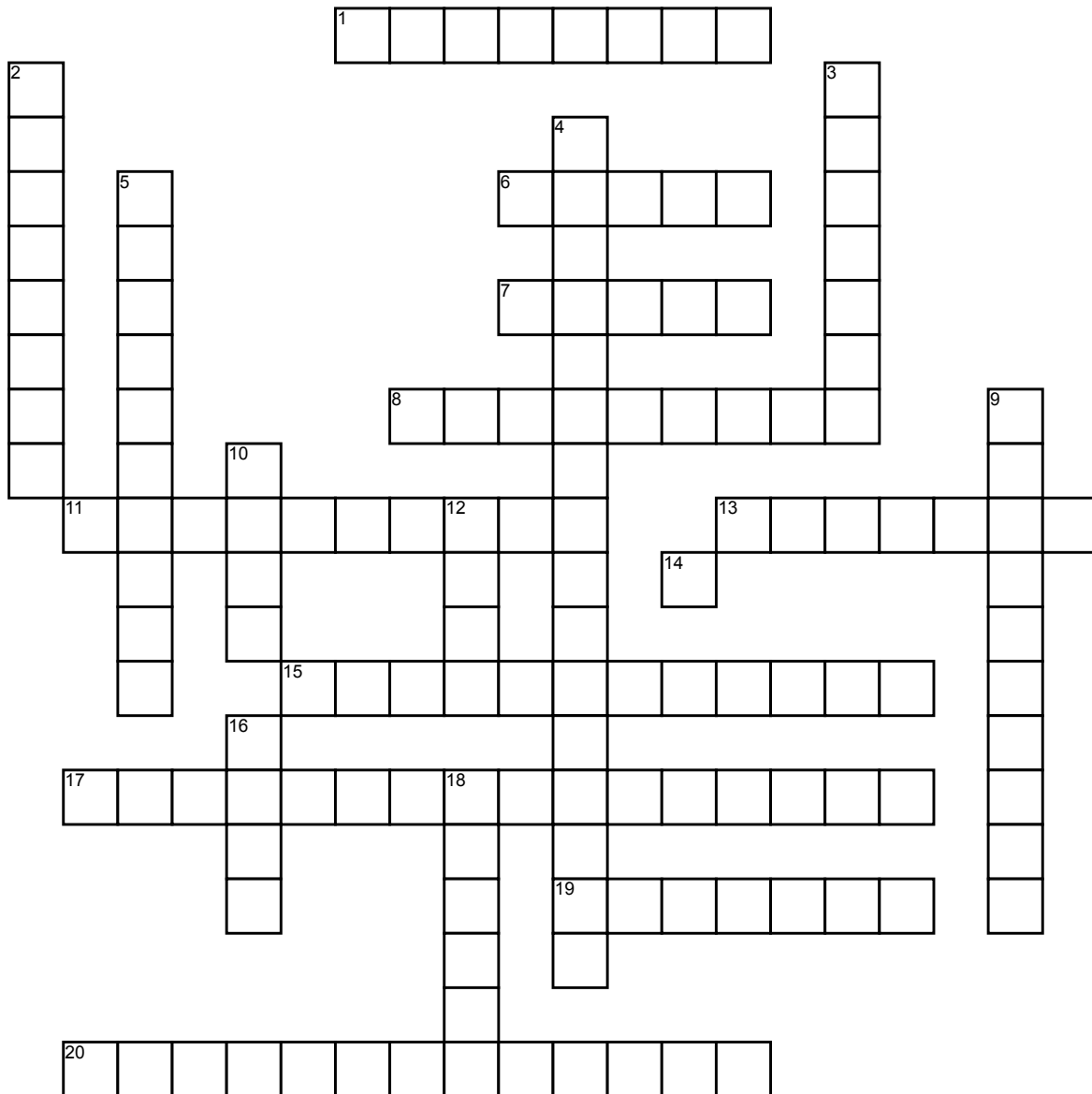


# Atomic Structure



**Across**

- 1. What is the subatomic particle with a negative charge?
- 6. True or False: The nucleus is made up of electrons, protons and neutrons
- 7. True or False: Neutrons carry a positive charge?
- 8. The empty space surrounding an atoms nucleus is made up of
- 11. What is most of the volume of an atom made out of?
- 13. What is the subatomic particle with a neutral or no charge?

- 15. The number that tells you the protons and electrons
- 17. Protons and Electrons are \_\_\_\_\_
- 19. Where are neutrons and protons located?
- 20. The space outside the nuclues mostly negatively charged

**Down**

- 2. What is the most important subatomic particle to pay attention to?
- 3. Contains most of the atom's mass
- 4. Electrons in the outermost shell are called

- 5. Total number of protons and neutrons inside the element is called
- 9. The sum of the protons and neutrons
- 10. What makes up matter everywhere on earth?
- 12. What is the smallest particle of an element?
- 14. An atom that has an atomic mass of 12 has \_\_\_\_\_ protons
- 16. True or Flase: The nuclues is found at the center of the atom
- 18. What is the subatomic particle with a positive charge?