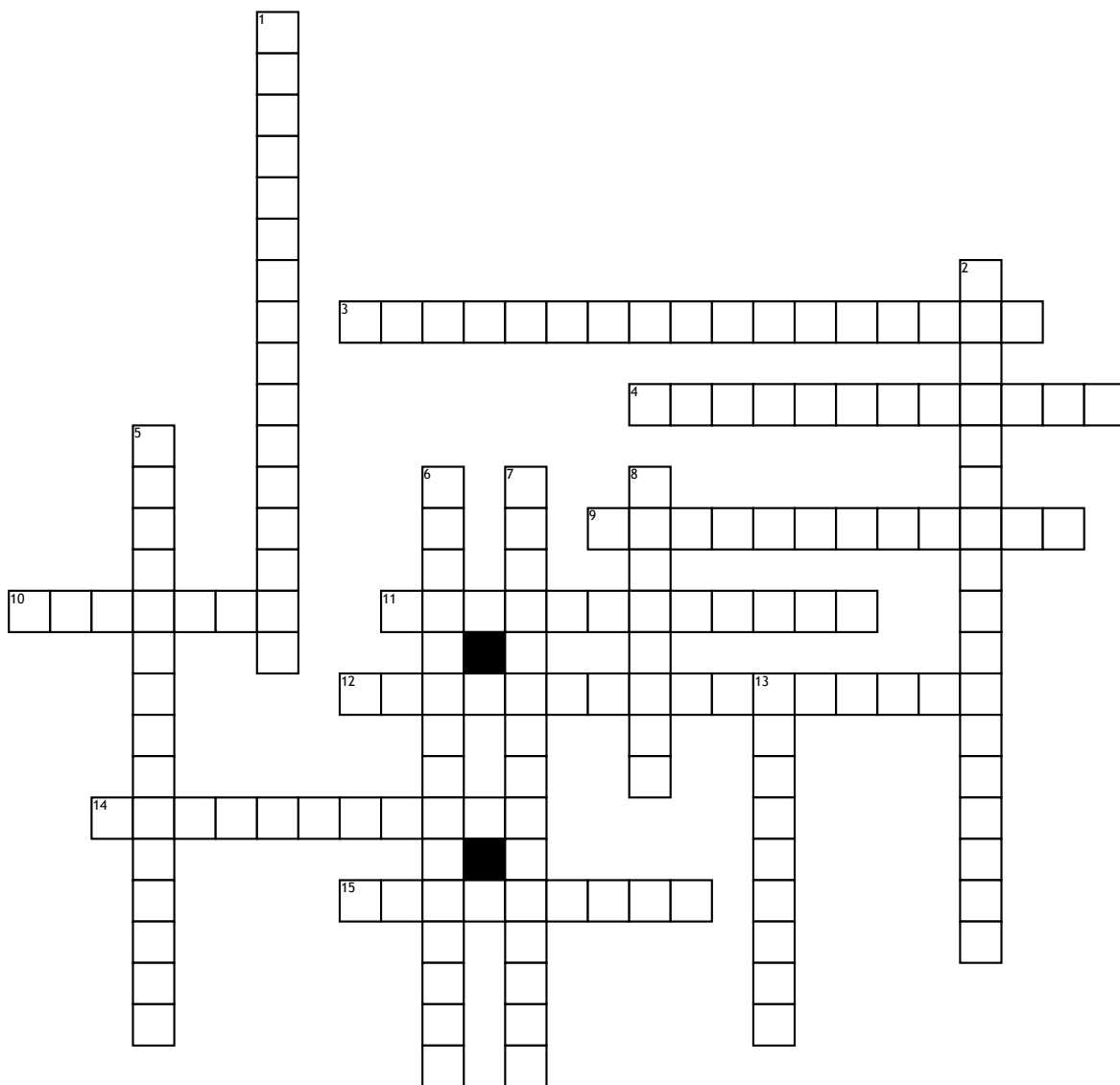


# Chem 20 Crossword Part 1



## Across

3. a formula that shows the arrangement of atoms in the molecule of a compound

4. the number of electrons that an atom can gain, lose, or share to make a bond

9. a bond that involves sharing electrons

10. The rings around an atom

11. the outermost shell

12. The actual number of atoms of each element that occur in the smallest freely existed unit or molecule

14. A visual representation of a molecule using dots

15. a bond when atoms share electrons

## Down

1. The smallest possible whole subscript for elements in a formula

2. the tendency of an atom to attract to another

5. electron that is able to bond

6. electrostatic attraction between positively and negatively charged atoms

7. electrons that are in the last shell

8. electrons that are together

13. atoms want to have 8 electrons in the outermost shell