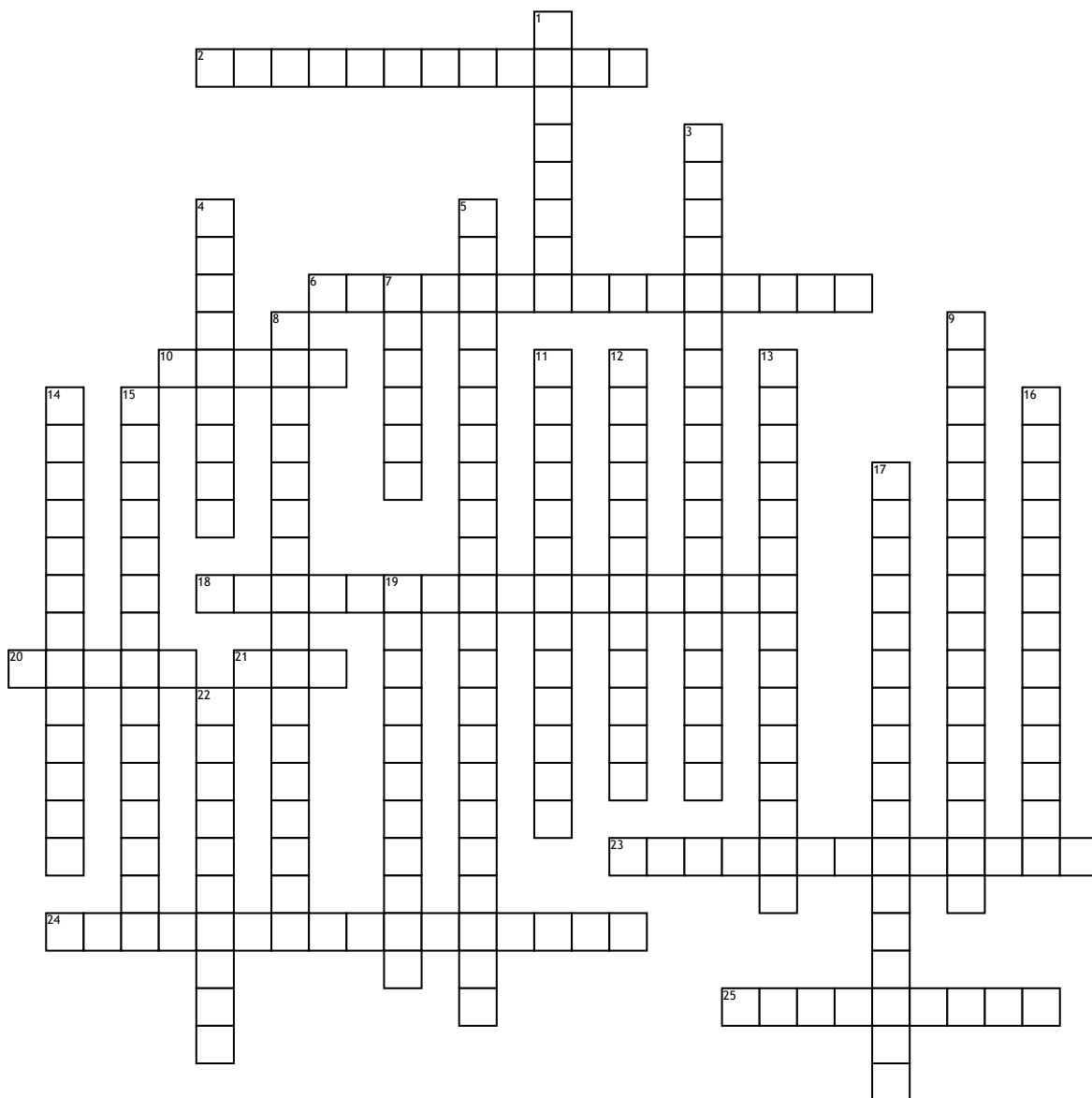


Chemistry Crossword



Across

2. Atoms held together by sharing electrons

6. Attraction forces in which hydrogen covalently bonded to a very electronegative atom is also weakly bonded to an unshared electron pair of another electronegative atom

10. Difference between accepted value and experimental value

18. 2 atom molecule

20. Mixture of 2+ elements, at least one of them being a metal

21. atom loses or gains an electron

23. A solid in which all of the atoms are covalently bonded to each other

24. Attractions between molecules caused by the electron motion on one molecule affecting the electron motion on the other through electrical forces. These are the weakest interactions between forces

25. Holds ions together in an ionic compound

Down

1. Neutral group of atoms joined together by covalent bonds

3. 1 of 2 or more valid electron structures of molecules or polyatomic ions

4. Covalent bond between atoms in which electrons are shared unequally

5. 1 atom contributes both bonding electrons

7. Molecule with 2 poles of opposite charges

8. Orbital that applies to the entire molecule

9. Chemical formula of a molecular compound that shows the types and numbers of atoms present in a molecule of a compound

11. Tightly bound group of atoms that behaves as a unit and has a non-neutral charge

12. Pair of valence electrons not shared between atoms

13. Electrons in the outermost energy level of an atom

14. One side of the molecule is positive and the other is negative

15. Molecular orbital that can be occupied by 2 electrons of a covalent bond

16. Compound of cations and anions

17. The 2 weakest intermolecular attractions - dispersion interactions and dipole forces

19. Quantitative description that includes a number and a unit

22. Halogens gain electrons