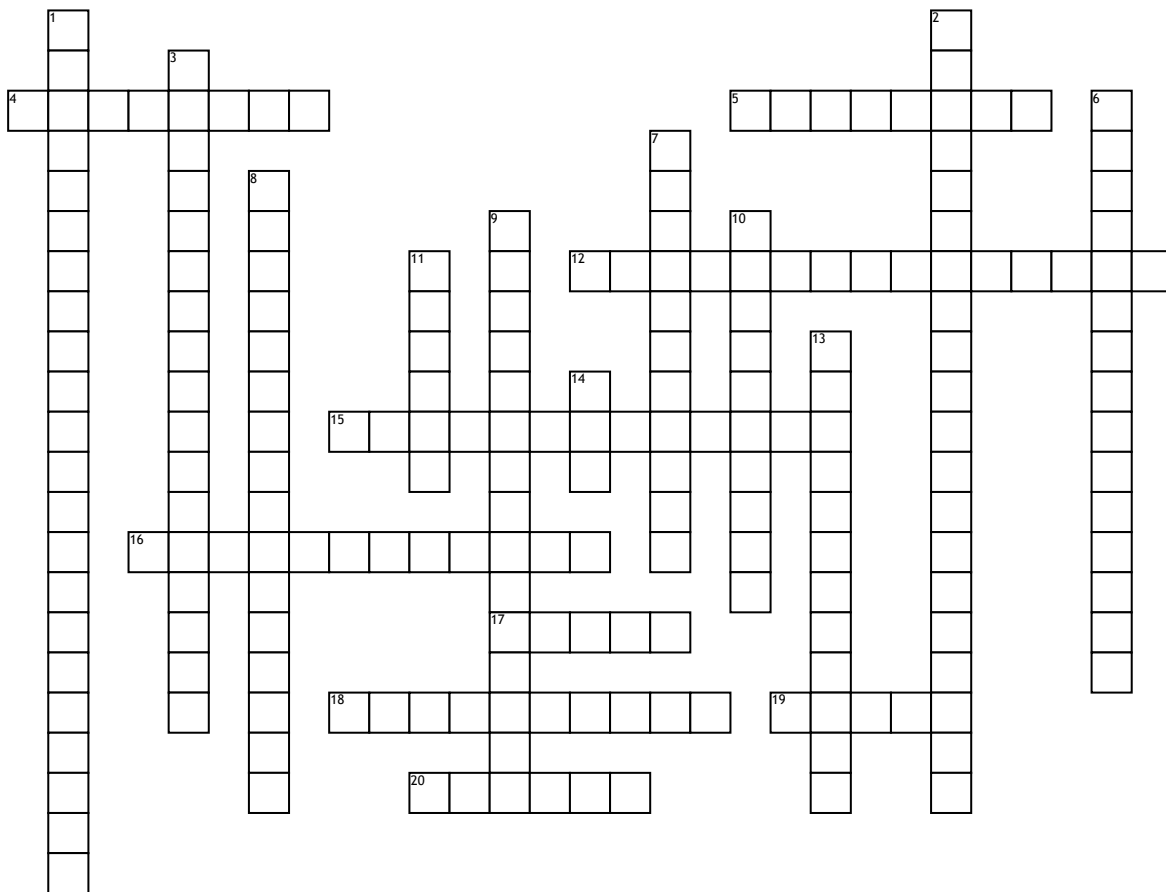


Name: _____

Date: _____

Bonding Crossword Puzzle



Across

- 4. Sharing of electrons
- 5. It makes some polar covalent bonds a nonpolar molecule
- 12. Polar molecules when it is bonded to F, O, N
- 15. electrons shared unequally
- 16. Between molecules that have dipoles
- 17. A negatively charged ion
- 18. The energy required to pull apart the atoms in a chemical bond
- 19. Transfer of electrons

Down

- 1. A bond between atoms when an atom contributes two electrons
- 2. attraction between molecules
- 3. The measure of attraction of a nucleus for bonded electrons
- 6. The electrons in the outer shell
- 7. The attraction between nonpolar molecules
- 8. electrons shared equally
- 20. A positively charged ion

Across

- 9. A diamond is made from this bond
- 10. The distance between nuclei of 2 bonded atoms
- 11. uneven charge distribution that is created in polar bonds
- 13. A bond that can only happen between pure metals
- 14. An element that has gained or lost an electron