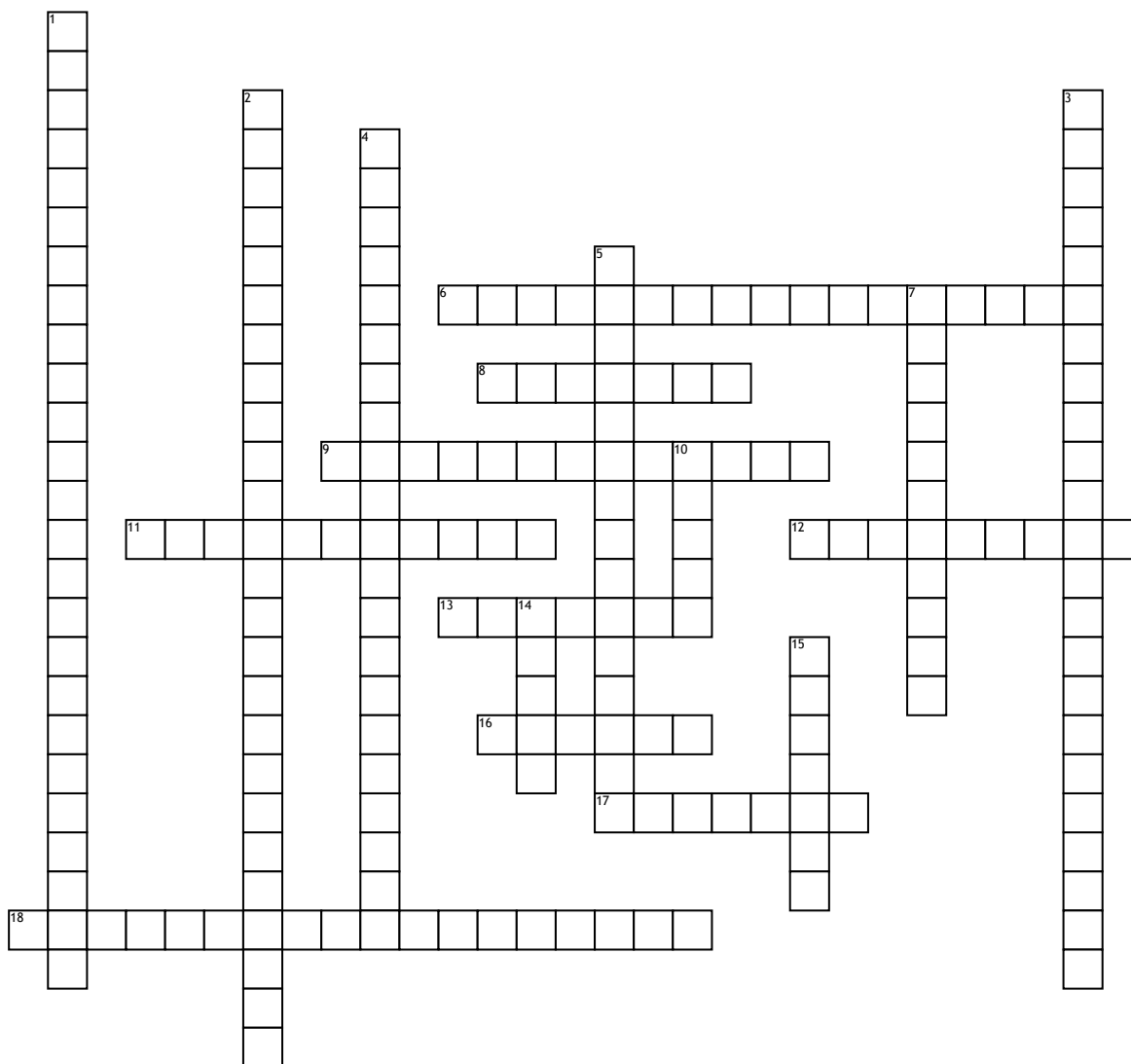


# tic tac toe reactions, Vanessa Cruz



**Across**

- 6. two or more simple substances combine to form a more complex product.
- 8. represent the number and type of atoms in a compound
- 9. BrINClHOF
- 11. a sign of a chemical change.
- 12. a substance that takes part in and undergoes change during a reaction.
- 13. Liquid, Solid.....
- 16. Gas, Solid....

17. any solution in which water is the solvent.

18. commonly referred to as "burning."

**Down**

- 1. two reactants exchange cations or anions to yield two new products.
- 2. element or ion moves out of one compound and into another.
- 3. matter cannot be created or destroyed in an isolated system.

4. compound is broken down into simpler components.

5. tells you the specific elements included in the compound and the number of atoms of each.

7. tells us how many molecules of a given formula are present.

10. the basic unit of a chemical element.

14. Liquid, Gas.....

15. formed when two or more chemicals react.