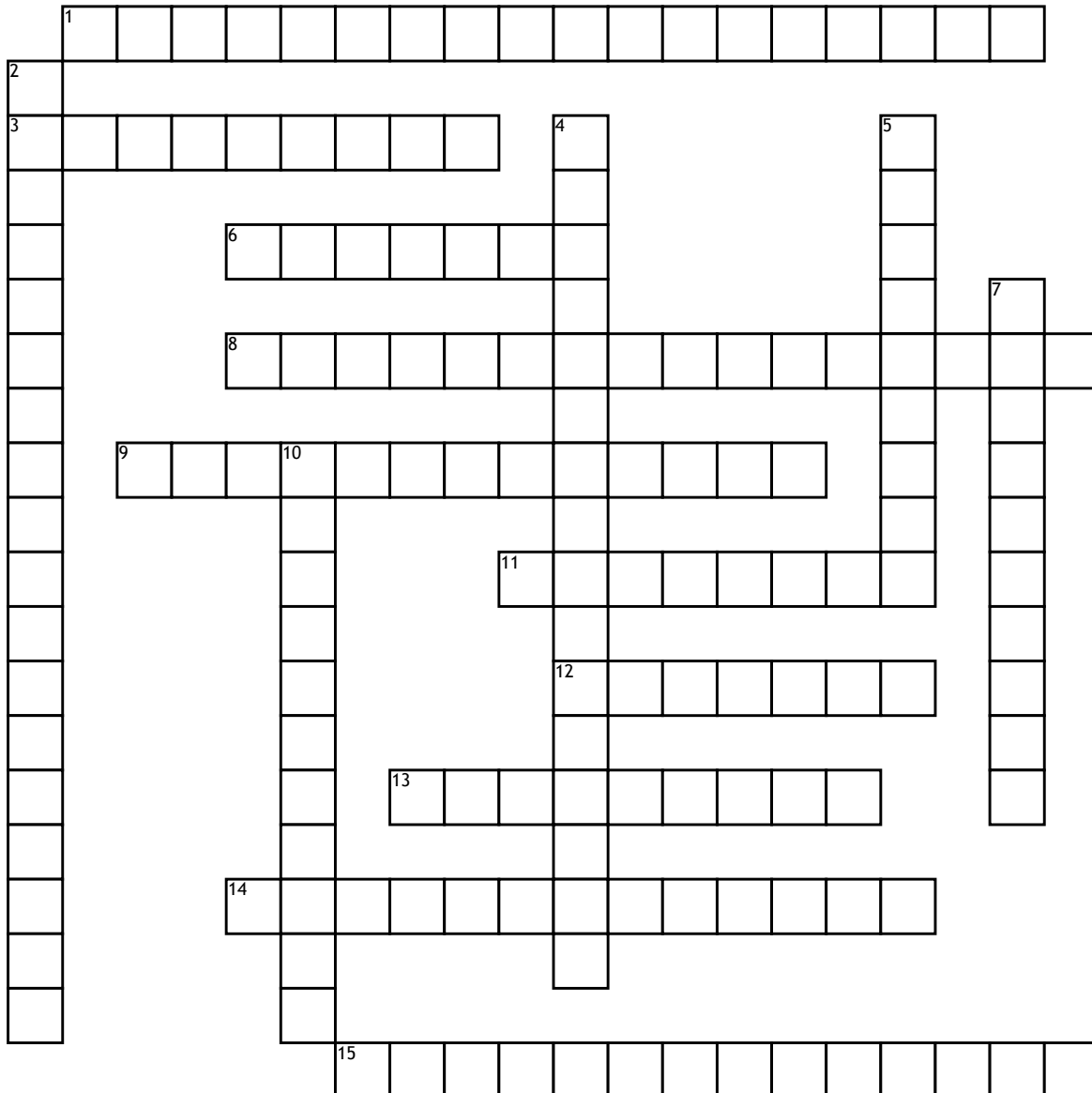


Name: _____

Date: _____

Reactions



Across

1. when the cations and anions switch between two reactants to form new products
3. substance that will not dissolve in a solvent even after mixing
6. ability for a given substance, the solute, to dissolve in a solvent
8. chemical equation for a reaction which lists only those species participating in the reaction

9. insoluble solid that emerges from a liquid solution
11. are the species formed from chemical reactions
12. solution in which the solvent is water
13. multiple reactants combine to form a single product
14. are the species formed from chemical reactions
15. series of metals, in order of reactivity from highest to lowest

Down

2. an element reacts with a compound and takes the place of another element in that compound
4. a process that involves rearrangement of the molecular or ionic structure of a substance
5. a substance that takes part in and undergoes change during a reaction
7. when a hydrocarbon reacts with oxygen to produce carbon dioxide and water
10. when you see a number in front of a chemical