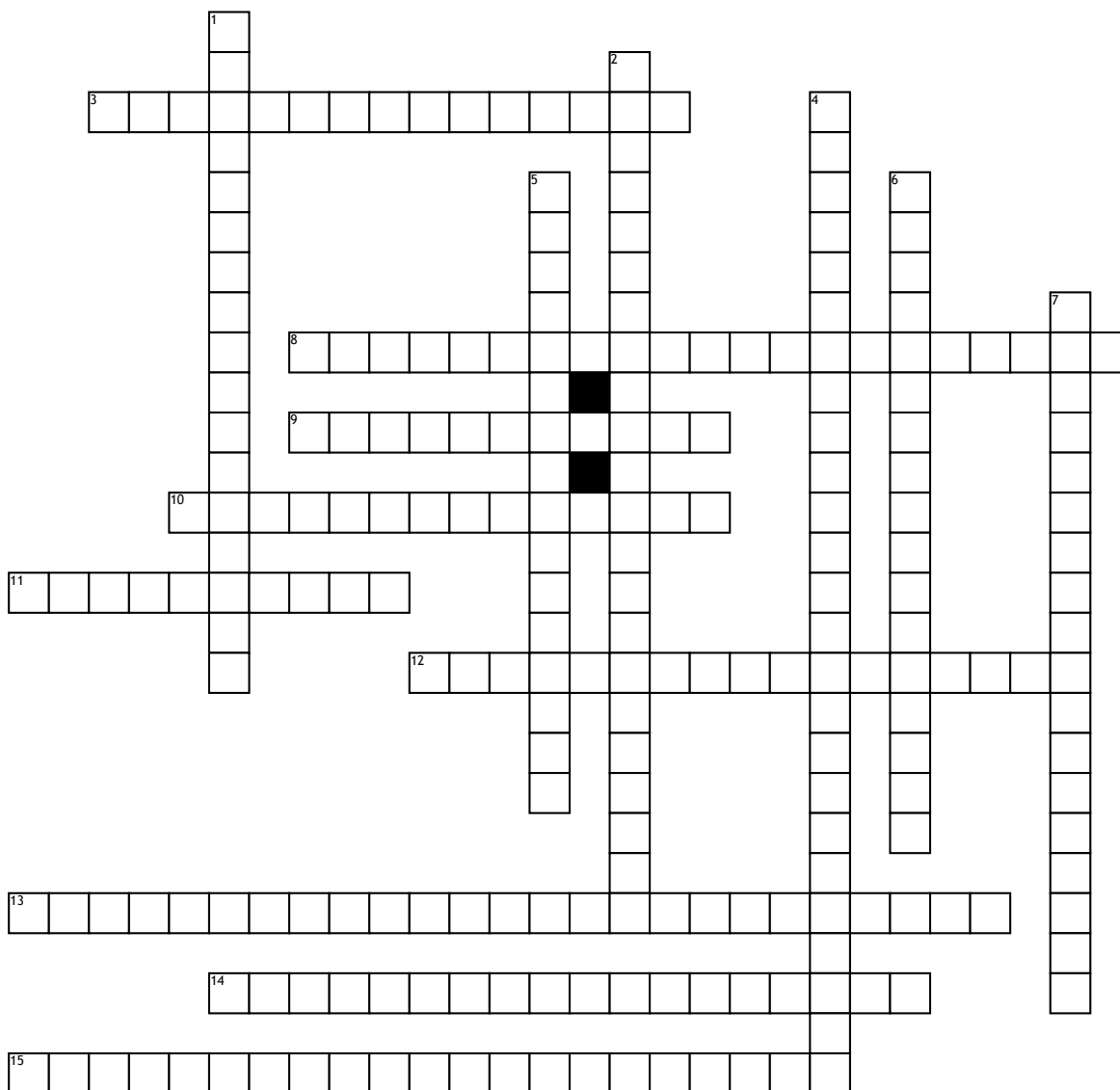


Name: \_\_\_\_\_

# Vocab 5



## Across

**3.** A number assigned to an element in chemical combination that represents the number of electrons lost or gained by an atom of that element.

**8.** A reaction in which a single compound breaks down into two or more elements.

**9.** An insoluble solid that emerges from a liquid solution.

**10.** A list of metals ranked in order of decreasing reactivity to displace hydrogen gas from water and acid solutions.

**11.** The property of a solid, liquid, or gaseous substance that allows it to dissolve in a solvent.

**12.** A reaction in which two or more simple substances combine to form a more complex product.

**13.** A reaction in which an element reacts with a compound and takes the place of another element in that compound.

**14.** The tendency of a substance to undergo chemical reaction.

**15.** A reaction in which one of the products is a precipitate.

## Down

**1.** A half-reaction in which a chemical species decreases its oxidation number, usually by gaining electrons.

**2.** A reaction in which an acid and a base react quantitatively with each other.

**4.** A reaction in which two compounds react, and the cation and the anion of the two reactants switch places, forming two new products.

**5.** A chemical equation for a reaction which lists only the pieces participating in the reaction.

**6.** A type of reaction in which a transfer of electrons occurs between two pieces.

**7.** A reaction in which something reacts with oxygen in order to create a product of carbon dioxide and water.