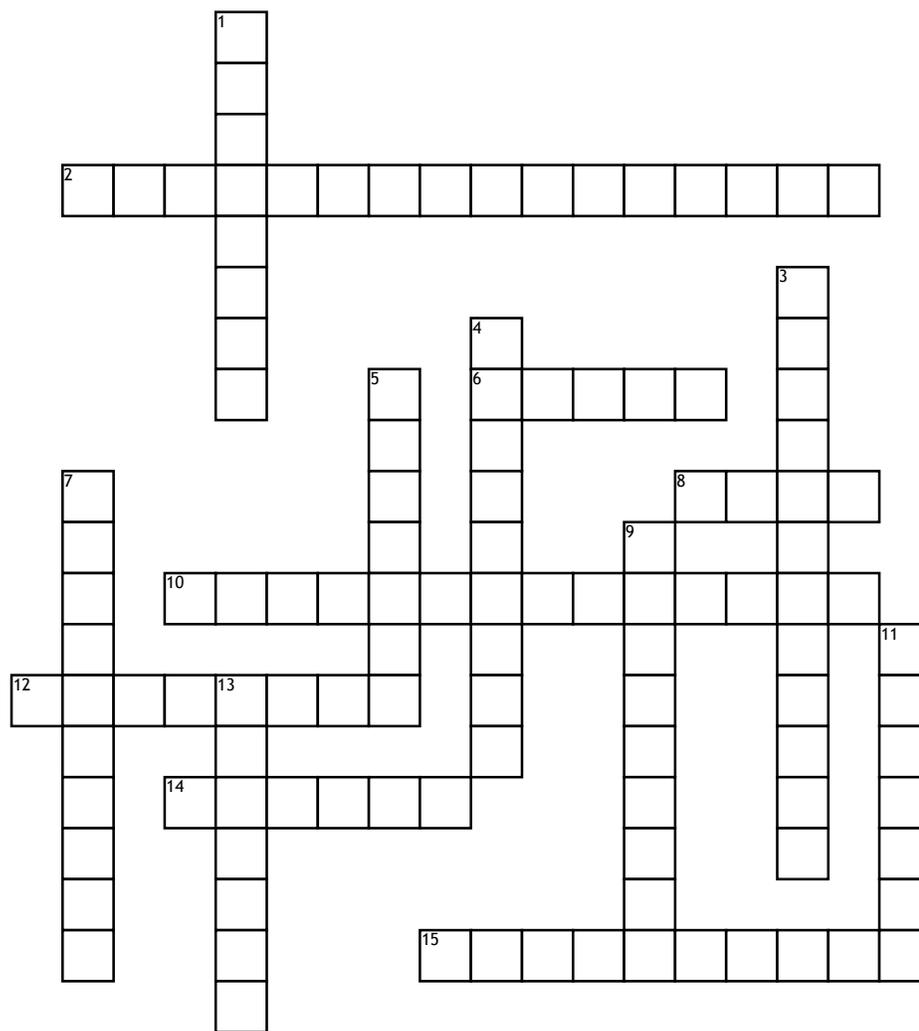


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# chemistry



## Across

2. description of a chemical reaction, including the reactants, products, and direction of the reaction

6. either (a) the base unit of length in the SI system or (b) a device used to measure a quantity.

8. a chemical species that accepts electrons or donate protons or hydrogen ions.

10. energy contained in the internal structure of an atom or molecule.

12. alkali metal with element symbol Fr and atomic number 87.

14. state of matter with no defined shape or volume consisting of ions and electrons.

15. measure of the amount of light absorbed by a sample.

## Down

1. any matter or substance that has mass.

3. temperature at which a liquid's vapor pressure is equal to the external gas pressure.

4. an organic acid containing a carboxyl (-COOH) and amine (-NH<sub>2</sub>) functional group along with a side chain

5. alkali metal with atomic number 3 and element symbol Li.

7. an acidic binary compound in which one element is hydrogen and the other element is another nonmetal

9. substance that undergoes a visible change when its conditions change

11. name for the element with atomic number 35 and is represented by the symbol Br

13. name for the element with atomic number 20 and is represented by the symbol Ca

## Word Bank

plasma

francium

acid

lithium

absorbance

chemical

calcium

aminoacid

binary acid

boilingpoint

indicator

chemicalequation

bromine

chemicalenergy

meter