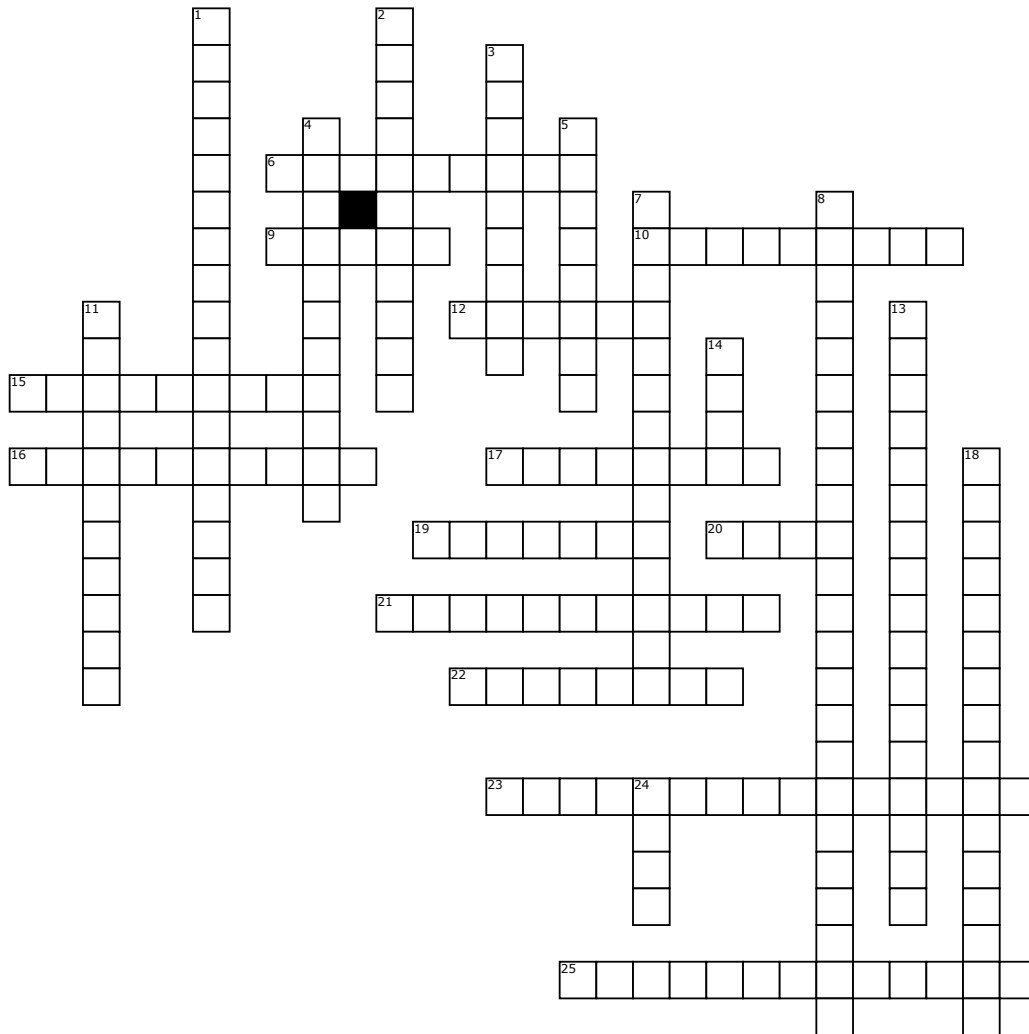


Name: \_\_\_\_\_

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

# Science crossword by Ashley



## Across

- 6.** substance that slows down/stops chemical reactions  
**9.** bond formed when electrons are transferred  
**10.** substance/molecule that participates in a chemical reaction  
**12.** fat molecule that has similar properties  
**15.** compound that reversibly changes color depending on conditions such as pH  
**16.** chemical reaction where heat is released  
**17.** changes the rate of chemical reaction without being used up  
**19.** substance formed in a chemical reaction  
**20.** any compound that increases the number of hydroxide ions when dissolved in water

- 21.** how many molecules of a given formula are present

- 22.** bond formed when atoms share one or more pairs of electrons

- 23.** number assigned to element in a combination that represents the number of electrons

- 25.** single compound breaks down to form simple substances

## Down

- 1.** element takes place of another element in compound

- 2.** solid produced as a result of chemical reaction in solution

- 3.** substances combine to form new compound

- 4.** chemical reaction that requires heat

- 5.** molecule made of amino acid and needed to build/repair body structures and regulate processes

- 7.** regular pattern where crystal is arranged

- 8.** mass can't be created nor destroyed

- 11.** organic compound composed only of carbon and hydrogen

- 13.** exchange of ions between two compounds

- 14.** charged particle formed when electron is gained or lost

- 18.** substances change to produce different substances

- 24.** any compound that increases the number of ions when in water

## Word Bank

law of conservation of mass  
 reactants  
 covalent  
 exothermic  
 decomposition  
 endothermic  
 lipids

inhibitor  
 base  
 acid  
 catalyst  
 indicator  
 product

coefficient  
 single replacement  
 precipitate  
 ions  
 oxidation number  
 chemical reaction

synthesis  
 double replacement  
 proteins  
 crystal lattice  
 hydrocarbon  
 ionic