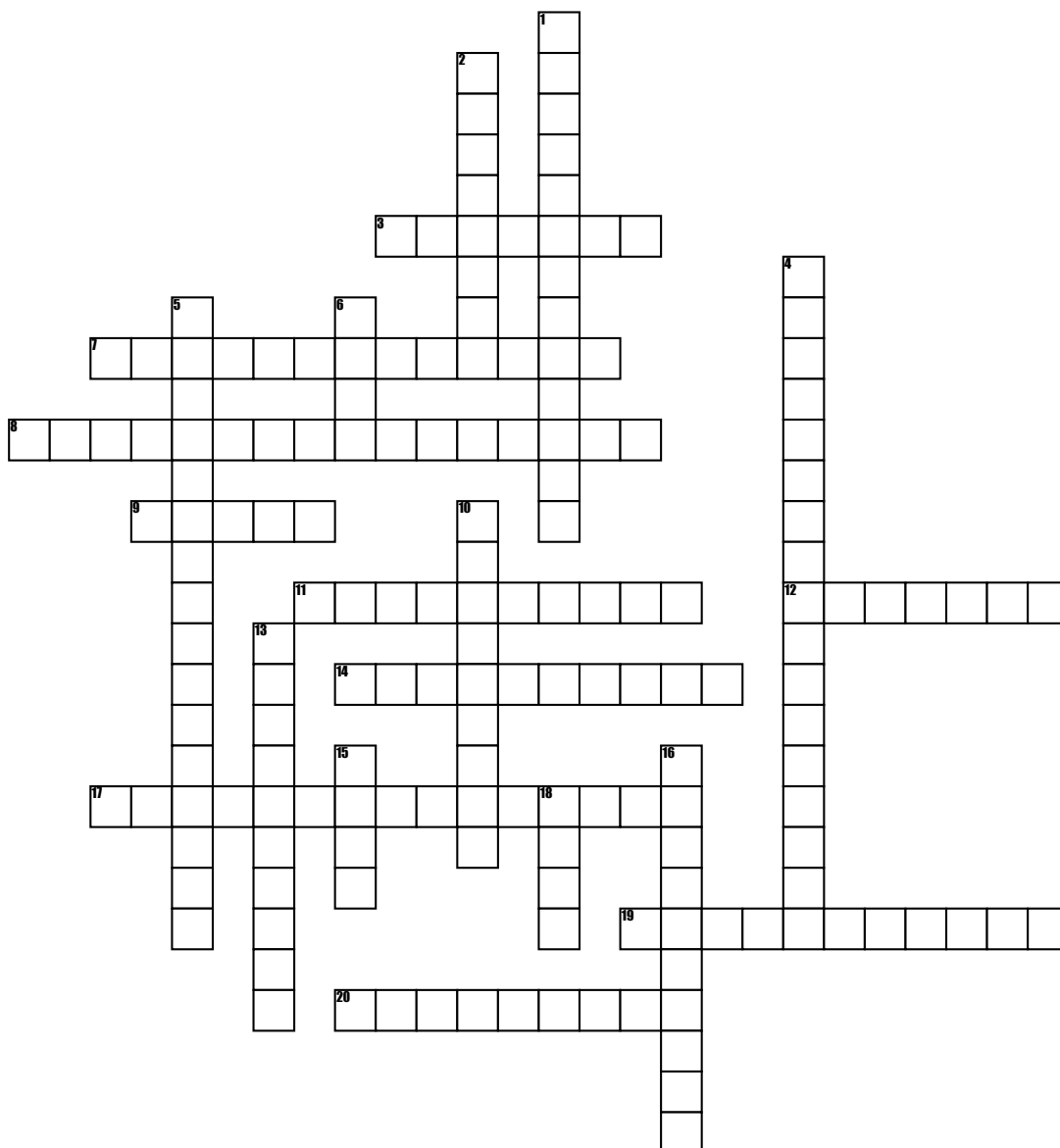


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Chemical Reactions Crossword



## Across

**3.** Piece of laboratory equipment used to measure out a substance's mass

**7.** Type of reaction where a compound breaks into 2 or more simpler substances

**8.** A representation of a chemical reaction that uses symbols to show the relationship between the reactants and the products

**9.** The liquid produced in the reaction between sodium bicarbonate and acetic acid

**11.** A chemical reaction in which heat is released to the surroundings

**12.** The substance that forms in a chemical reaction

**14.** Type of reaction where oxygen is a reactant.

**17.** A combination of chemical symbols and numbers to represent a substance

**19.** A chemical reaction that requires heat

**20.** Type of reaction where 2 or more substances combine to form a new compound

## Down

**1.** The gas produced in the reaction between sodium bicarbonate and acetic acid

**2.** A substance that changes the rate of a chemical reaction without being consumed in the reaction

**4.** Type of reaction where 1 element replaces another element in a compound

**5.** The minimum amount of energy required to start a chemical reaction

**6.**  $6.02 \times 10^{23}$  particles of any substance

**10.** A substance that slows down or stops a chemical reaction

**13.** The chemical name for vinegar

**15.** The products of a chemical reaction will have more/less/same mass as the reactants?

**16.** The common name for sodium bicarbonate

**18.** The abbreviation for the safety documentation reviewed before using any chemical at home or in a laboratory setting