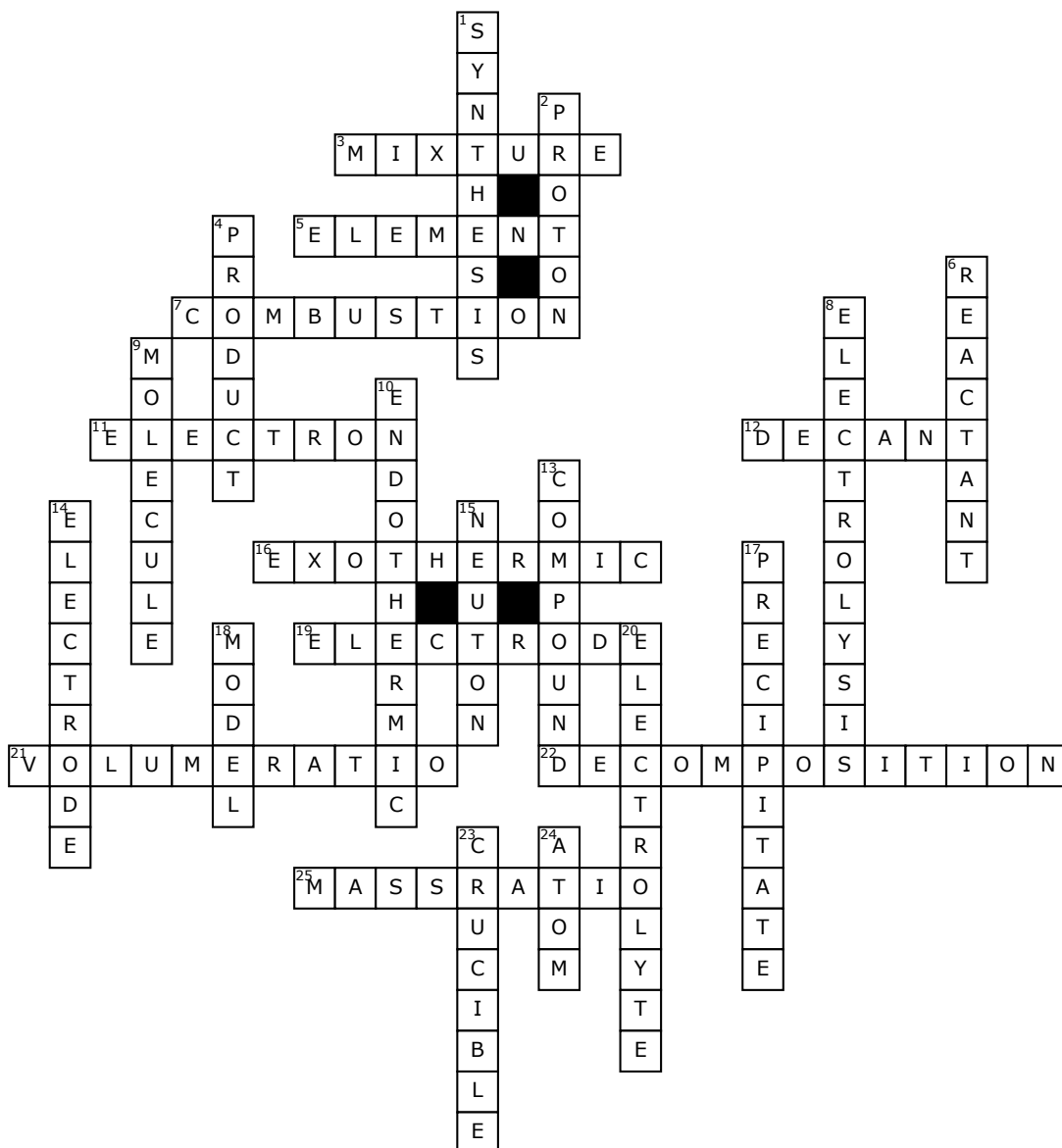


Name: \_\_\_\_\_

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

Period: \_\_\_\_\_

# Science crossword construction



## Across

**3.** Made of elements and compounds that keep their characteristics

**5.** Pure substance because it can't be separated into other substances

**7.** Chemical reaction where fuel is burned in oxygen to produce carbon dioxide and water

**11.** Negative

**12.** To pour slowly and carefully

**16.** Reaction that releases heat

**19.** Piece of lab has an electrical current

**21.** Cm<sup>3</sup> of gas/cm<sup>3</sup> of gas

**22.** A chemical reaction that breaks a compound down into its components.

**25.** G of gas reacted/g of gas reacted

## Down

**1.** Chemical reaction that combines two or more pure substances (opposite of decomposition)

**2.** Positive

**4.** Substances that are produced in the reaction (reactants=>\_\_\_\_\_)

**6.** Substances that start a chemical reaction

**8.** Process where chemical compounds are decomposed

**9.** Group of atoms attached in a fixed ratio

**10.** Reaction that produces more energy than it absorbs

**13.** Always have the same elements in the same proportions

**14.** Piece of lab equipment that has an electrical current

**15.** Neutral

**17.** Cause to be deposited in solid form from solution

**18.** Representation of an object, system, or process

**20.** A chemical conducts electricity

**23.** A bowl that substances can be melted in

**24.** Smallest particle of matter