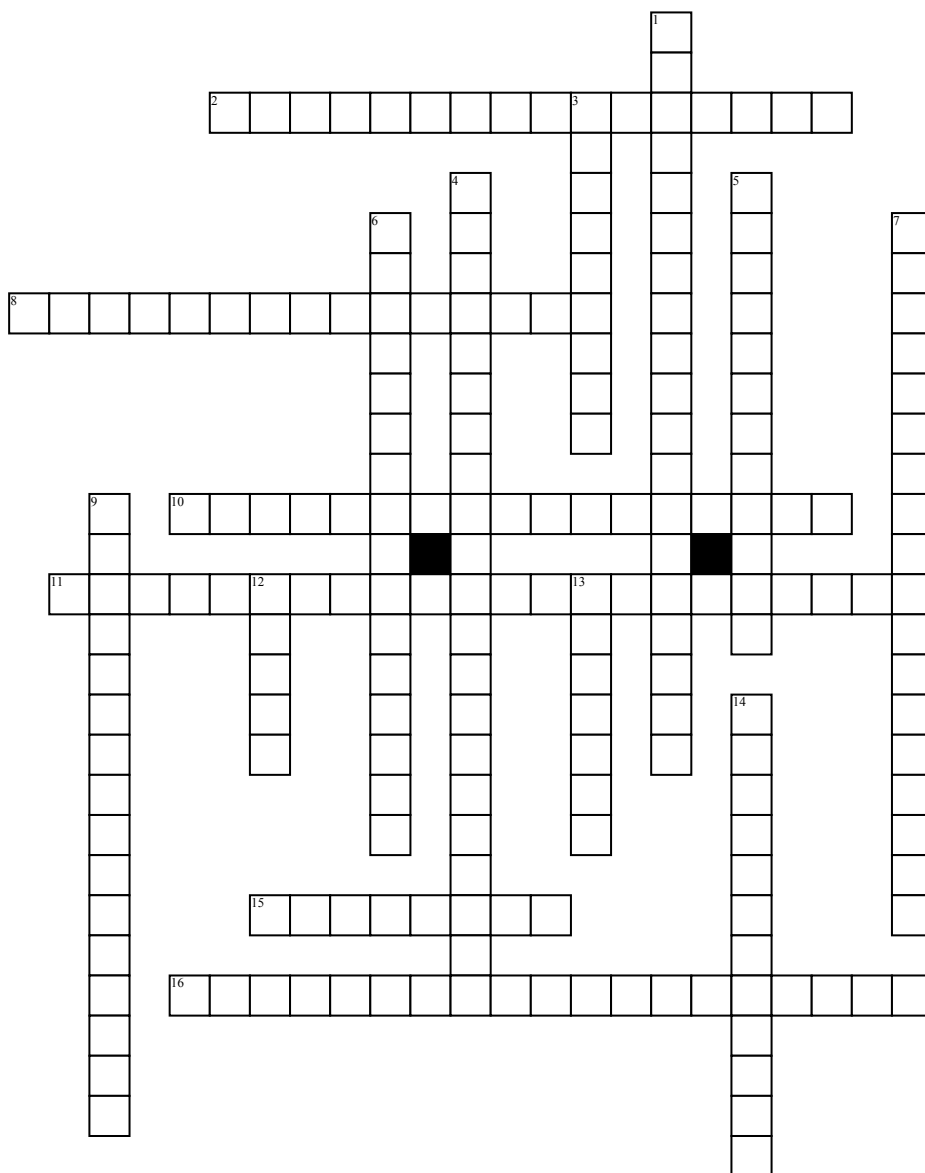


# Crossword



## Across

- 2.** A molecule in an unstable state intermediate to the reactants
- 8.** The theory that states that the number of new compounds formed in a chemical reaction is equal to the number of molecules that collide
- 10.** Step-by-step process by which an overall chemical reaction occurs
- 11.** A reaction in which the reactants are two different phases
- 15.** A substance that changes the rate of a chemical reaction without being consumed

**16.** In a multi step chemical reaction the step that had the lowest velocity

## Down

- 1.** A catalyst that is in the same phase as the reactants are
- 3.** The acceleration of a chemical reaction by a catalyst
- 4.** A catalyst that is in a different phase from the phase of the reactants
- 5.** A substance that forms in a middle stage of a chemical reaction
- 6.** The minimum amount of energy required to start a chemical reaction

**7.** A reaction in which all of the reactants and products are in the same phase

- 9.** The area of chemistry that is the study of reaction rates
- 12.** In chemistry a classification of chemical reactions that depends on the number of molecules
- 13.** The expression that shows how the rate of formation of product depends on the concentration of all species
- 14.** The rate at which a chemical reaction takes place