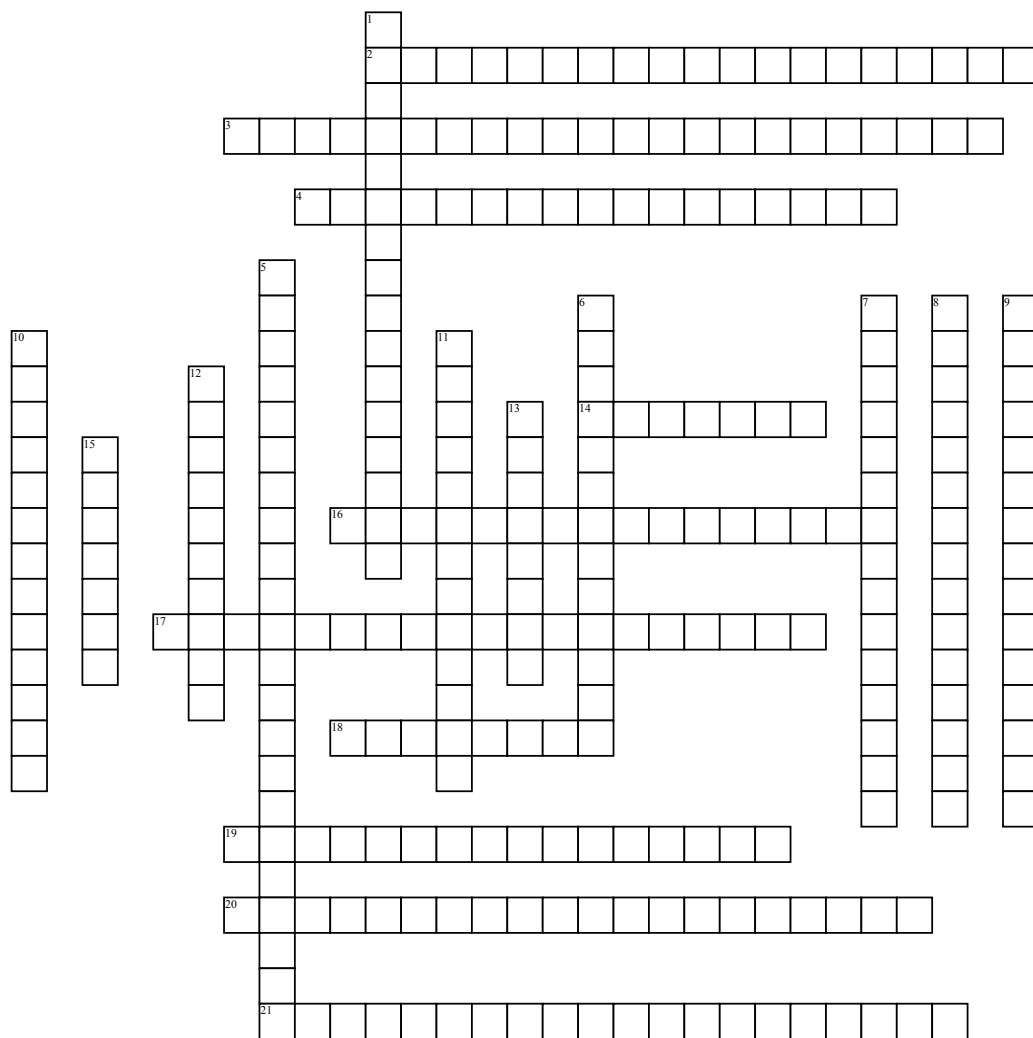


Chemical Kinetics by Kendra



Across

2. everything is in the same phase
 3. catalysts that are in different phases than the reactants
 4. a series of elementary reactions that take place during the course of a complex reaction
 14. biological catalysts
 16. a transitional structure between reactants and products
 17. is catalysis in a solution by a soluble catalyst
 18. Study of reaction rates and steps
 19. energy to get started
 20. the slowest intermediate reaction

Word Bank

enzymes	elementary steps	reaction mechanism	intermediates	rate determining steps
pharmacokinetics	rate law	inhibitors	activated complex	activation energy
heterogeneous reactants	homogeneous catalyst	heterogeneous catalysts	kinetics	reaction rates
specific rate constant	collision theory	Catalyst	homogeneous reaction	complex reaction
reaction order				

21. temperature, the ideal gas constant, activation energy, catalysts according to Arrhenius's equation.

Down

1. Absorption. Distribution. Metabolism. Elimination.
 5. reactants that are in different phases
 6. products produced before the final product
 7. sum of intermediate reactions
 8. must have proper orientation and energy
 9. intermediate products of chemical reactions

10. speed at which things happen i.e. reactants become products
 11. effect of concentration 0, 1, 2
 12. prevent chemical reaction
 13. A substance that increases the rate at which a chemical reaction approaches equilibrium without being substantially consumed in the process.
 15. an equation that describes speed of reaction