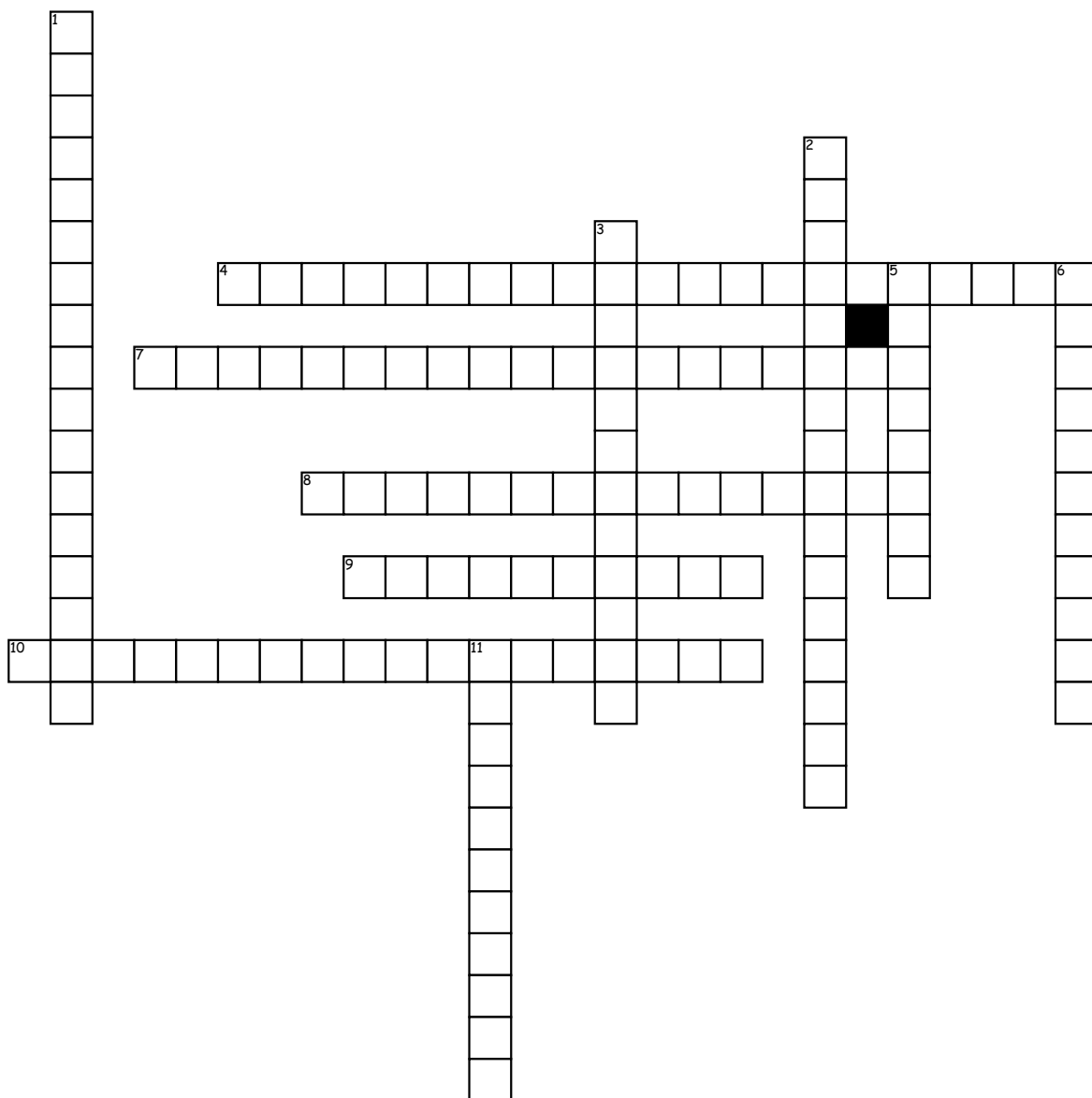


Unit 6: Rate & Equilibrium



Across

4. A principle that states; if a dynamic equilibrium is disturbed by changing the conditions, the position of the equilibrium moves to counteract the change.

7. K_{eq} is the _____

8. A theory that states that in order for a reaction to occur, the particles of the reactant must collide

9. A reaction that releases heat

10. A reaction that occur in both directions, not just reactant to product

Down

1. The short-lived stage during a reaction when the reactants touch before breaking away into products

2. The minimum amount of energy needed by resting particles in order to form the activated complex

3. The change in concentration of a reactant or product per unit of time

5. Used to speed up reactions by reducing the amount of activation energy needed

6. A reaction that absorbs heat

11. A balancing point that chemical reactions try to reach