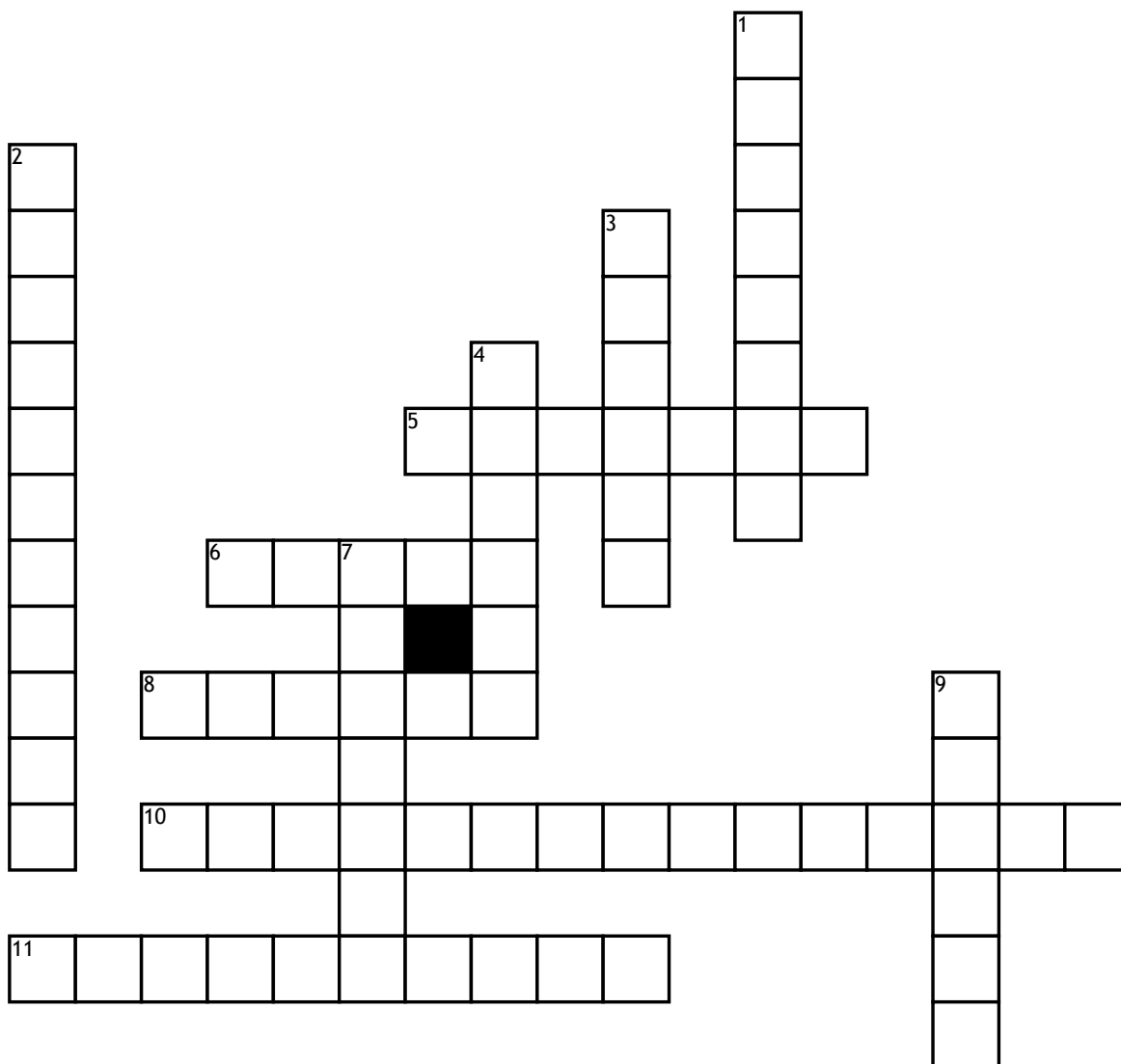


Thermochemistry Vocabulary



Across

5. randomness
 6. 1000 calories
 8. at 0 K, molecules are not in motion
 10. study that changes occur during physical/chemical changes
 11. reaction where system loses heat from surroundings

Down

1. heat change

2. reaction where system absorbs heat from surroundings
 3. capacity to do work
 4. all energy processes towards entropy (randomness)
 7. quantity of heat that raises 1 g of H₂O by 1 °C
 9. Energy is neither created or destroyed, only transferred EXCEPT in a nuclear reactions