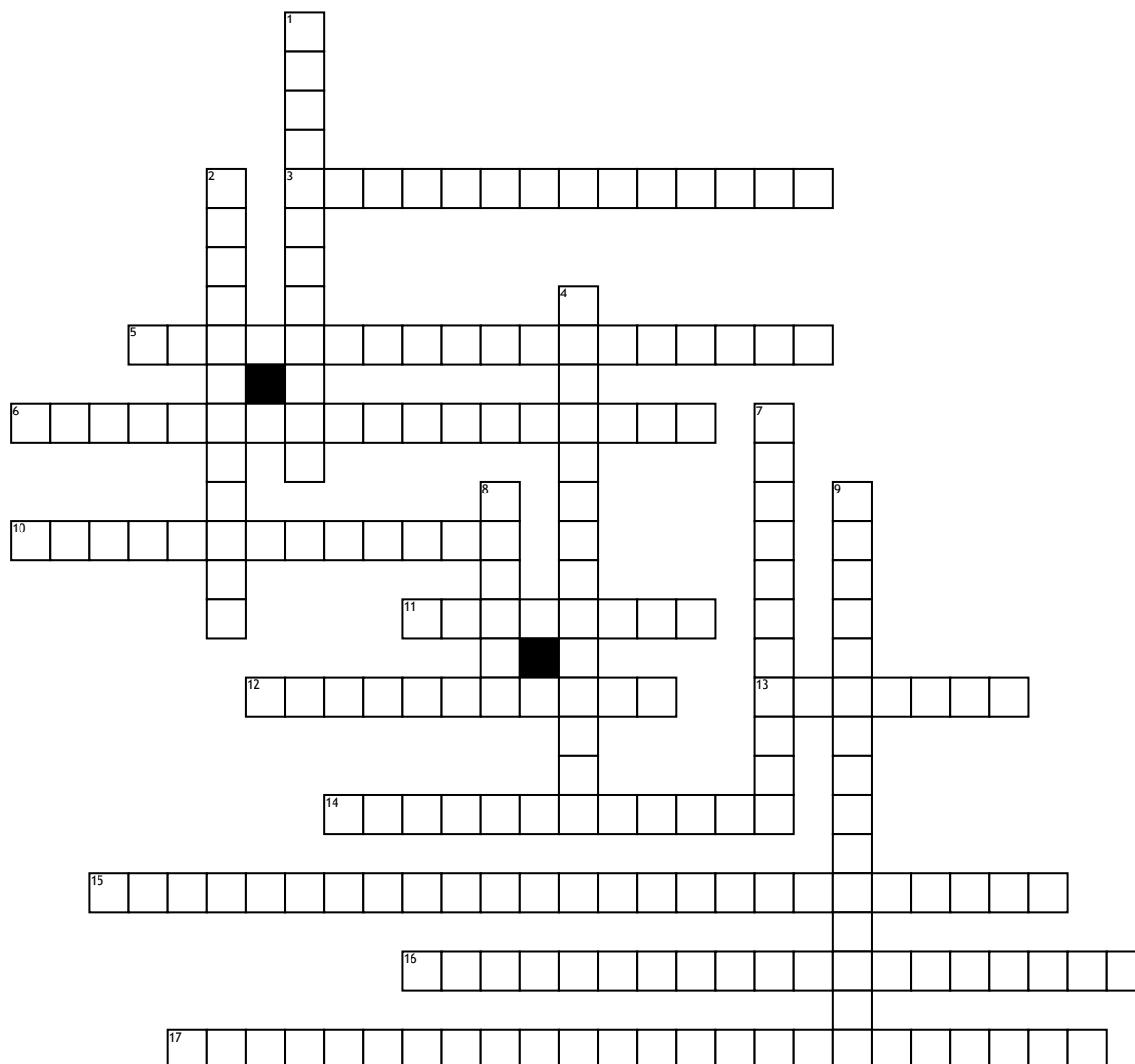


Chemistry Chapter 6 Vocab



Across

3. The sum of all the possible forms of energy of all the ions, atoms and molecules in a system
 5. Out of
 6. The amount of per unit mass required vaporize at its substance at its normal boiling point
 10. Energy associated with motion
 11. To warm in (the internal energy plus the product of the pressure and volume)
 12. A device for measuring heat flow

13. A measure of the disorder/randomness in a system
 14. The remainder of the universe
 15. The entropy of the universe is always increasing
 16. Within heat
 17. Energy can neither be created nor destroyed

Down

1. The heat required to cause a unit in the temperature of a unit mass of the substance
 2. The heat per unit mass required to melt a substance at its melting point

4. The total amount of heat liberated/absorbed between the start of a reaction and its end, where all the products are at the original temperature if the reactants
 7. Able to occur without continuing outside help
 8. The portion of the universe or the sample of matter being studied
 9. Energy associated with the position of an object relative to a force upon it