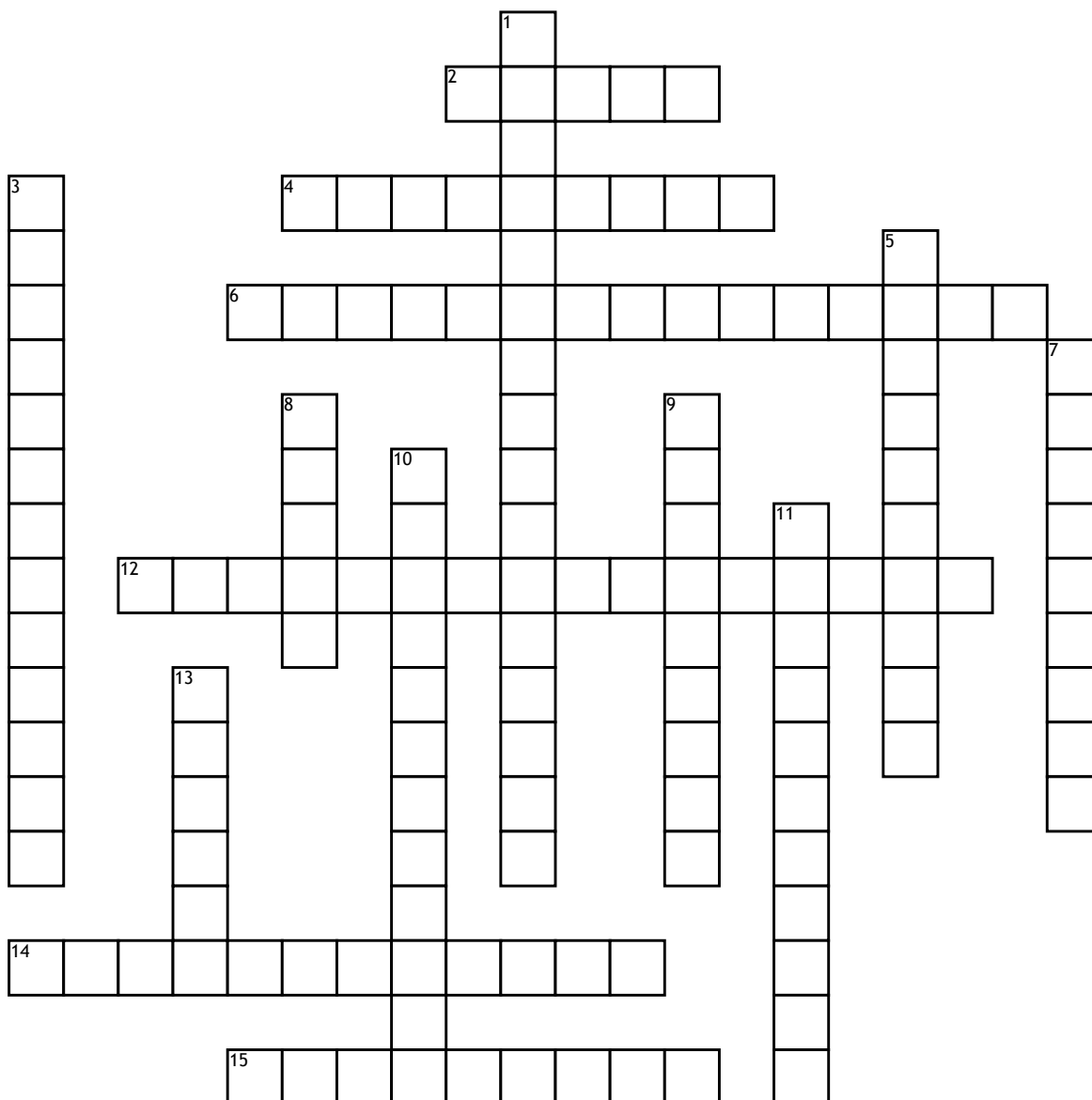


Chapter 6 AP Chemistry Crossword



Across

2. Special points between the endpoints of a wave not in motion
 4. The extent of displacement caused by a wave
 6. Pictorial representations of electron configurations
 12. Electrons in the outermost of valence shell of a ground-state atom
 14. The limitation of some properties to specific, discrete values; not continuous
 15. Relates to amplitude. Ex: the brightness of light or the loudness of sound

Down

1. The amount of energy required to remove the loosely bound electron from a gaseous atom in ground state. (IE)
 3. Atoms and ions with the same electron configuration
 5. The distance between two consecutive peaks or troughs in a wave
 7. The number of wave cycles that pass a specified point in space in a specified amount of time

8. Oscillations or periodic movements that can transfer energy from one point in space to another
 9. A convenient, ideal emitter that approximates the behavior of many materials when heated
 10. Having an energy greater than ground state energy
 11. State in which the electrons in an atom, ion, or molecule have the lowest energy possible
 13. Smallest possible packet of electromagnetic radiation; a particle of light