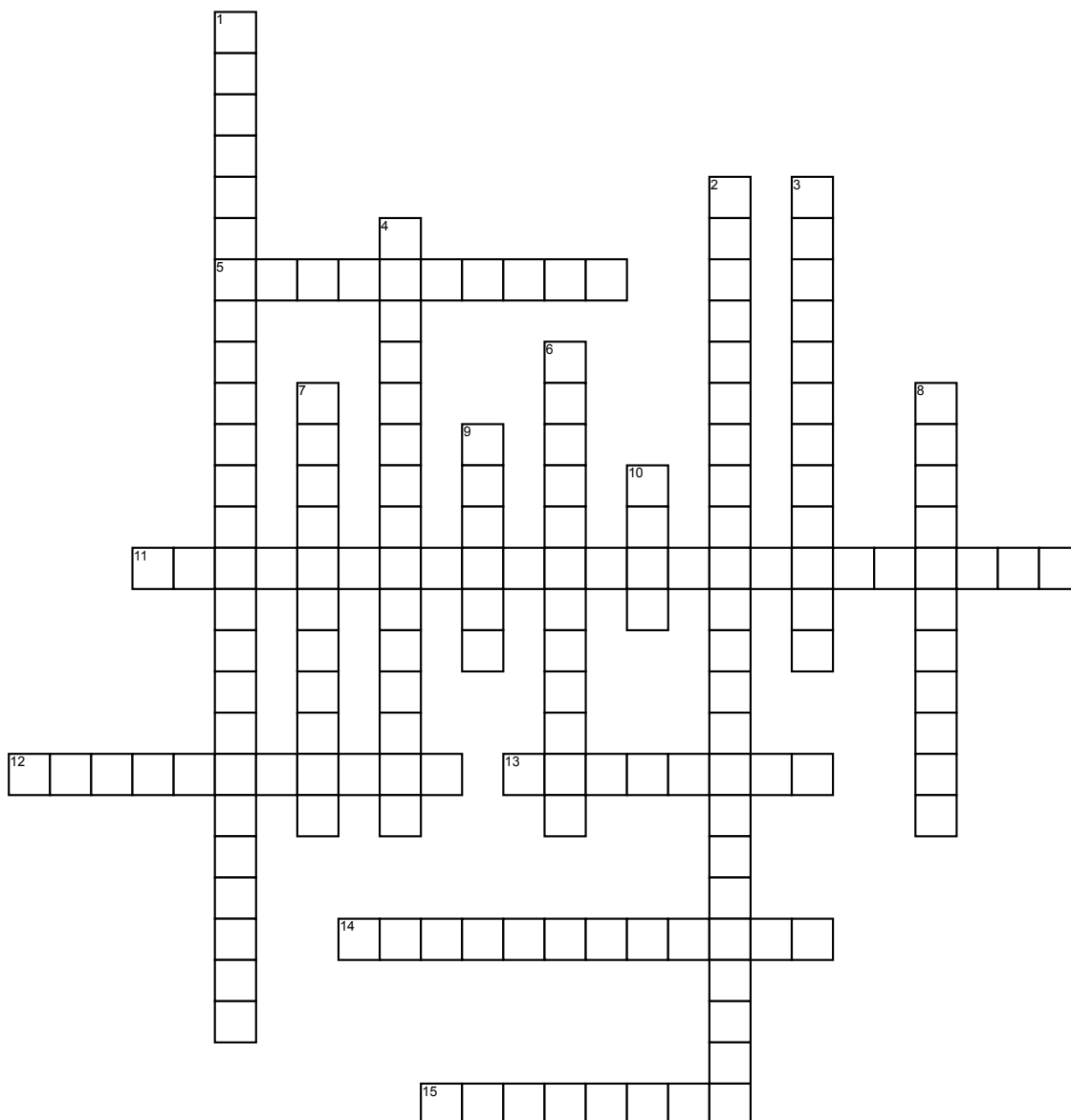


Thermochemistry Crossword



Across

- 5.** Releases energy
11. the amount of heat necessary to boil 1.00 mole of a substance at it's boiling point
12. The accurate and precise measurement of heat change for chemical and physical processes
13. Heat generated by the human body is usually measured in the units called
14. the rest of the universe that interacts with the system

- 15.** The property that is useful for keeping track of heat transfers in chemical and physical processes at constant pressure is called

Down

- 1.** heat liberated by a unit mass of liquid at its freezing point when it solidifies
2. the energy stored in the chemical bonds of a substance
3. The amount of heat energy required to raise the temp. of a specified amount
4. Branch of chemistry concerned with quantities of heat evolved during chemical reactions

- 6.** the amount of heat per unit mass required to raise the temperature by one degree celsius
7. a device used to measure the heat transfer between system and surroundings
8. Absorbs heat
9. The set of substances and energy that are being studied
10. A form of energy that flows between two samples of matter because of their differences in temperature