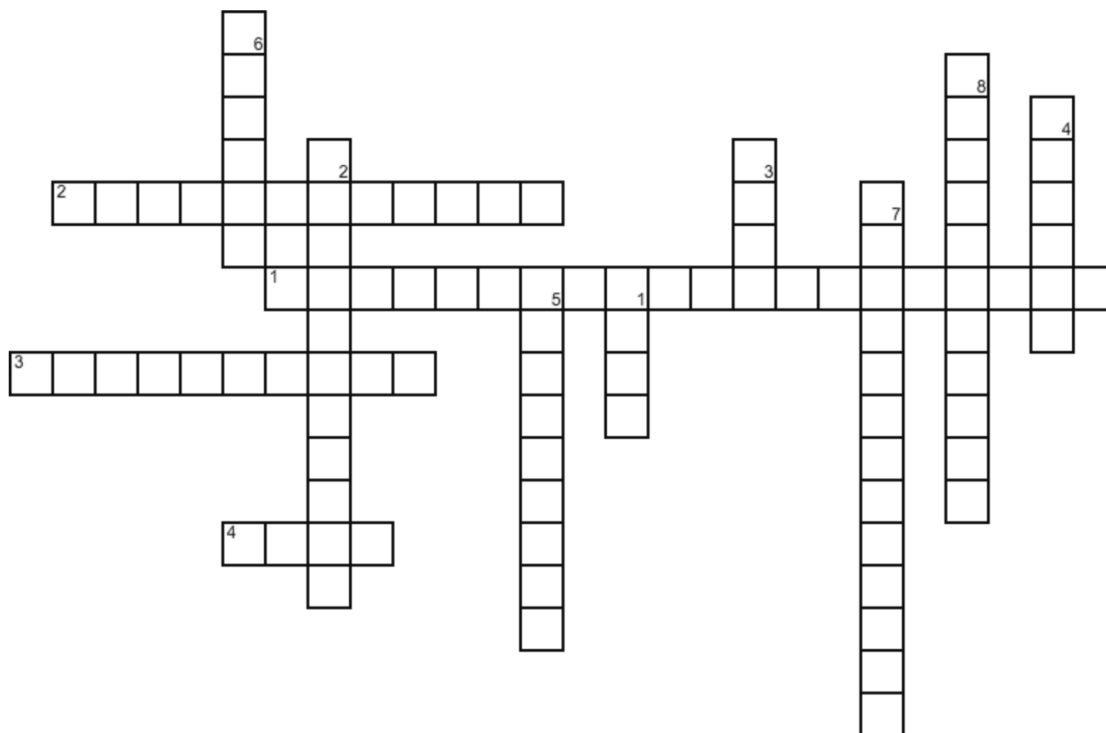


Name:

Date:

Thermochemistry Crossword



Across

1. the energy required to increase the temperature of one gram of a substance by 1 degree Celsius
2. a bond between the H and the O of two water molecules
3. the percentage of hydrogen bonds in the solid phase
4. the percentage of hydrogen bonds in the gas phase

Down

1. a measure of speed and quantity of particles
2. a measure of the average speed of particles
3. the shape of water due to its polarity
4. the percentage of hydrogen bonds in the liquid phase
5. As temperature _____ speed increases
6. Heat of _____ is the energy required to melt one gram of a substance
7. Heat of _____ is the energy required to boil one gram of one substance
8. Temperature will remain constant during a _____.