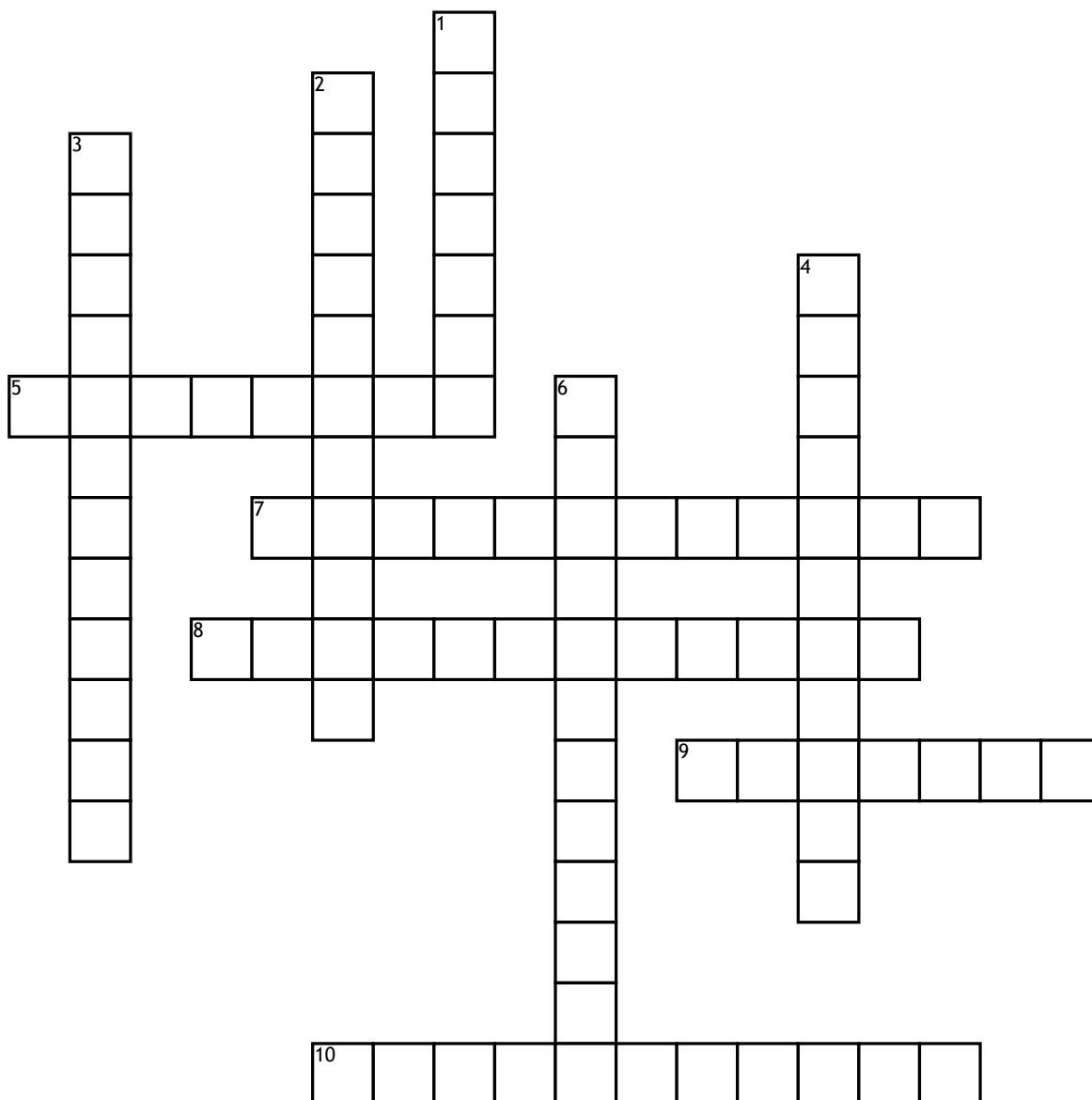


Name: _____ Date: _____ Period: _____

Thermochemistry crossword puzzle



Across

- (of a liquid) be turned into ice or another solid as a result of extreme cold.
- the number of heat units needed to raise the temperature of a body by one degree.
- the heat required to raise the temperature of the unit mass of a given substance by a given amount (usually one degree).
- the action of bringing a liquid to the temperature at which it bubbles and turns to vapor.
- a change from one state (solid or liquid or gas) to another without a change in chemical composition Hess's Law- constant heat summation states that the total enthalpy change in a particular reaction is constant regardless whether it occurs in one step or more.

Down

- becoming liquefied by heat.
- an apparatus for measuring the amount of heat involved in a chemical reaction or other process.
- When a liquid changes form into a gas
- When anything solid turns into a gas without first becoming liquid
- a plot or graph where a substance is subjected to increasing temperature against time to measure the amount of energy it absorbs and changes state with increasing temperature