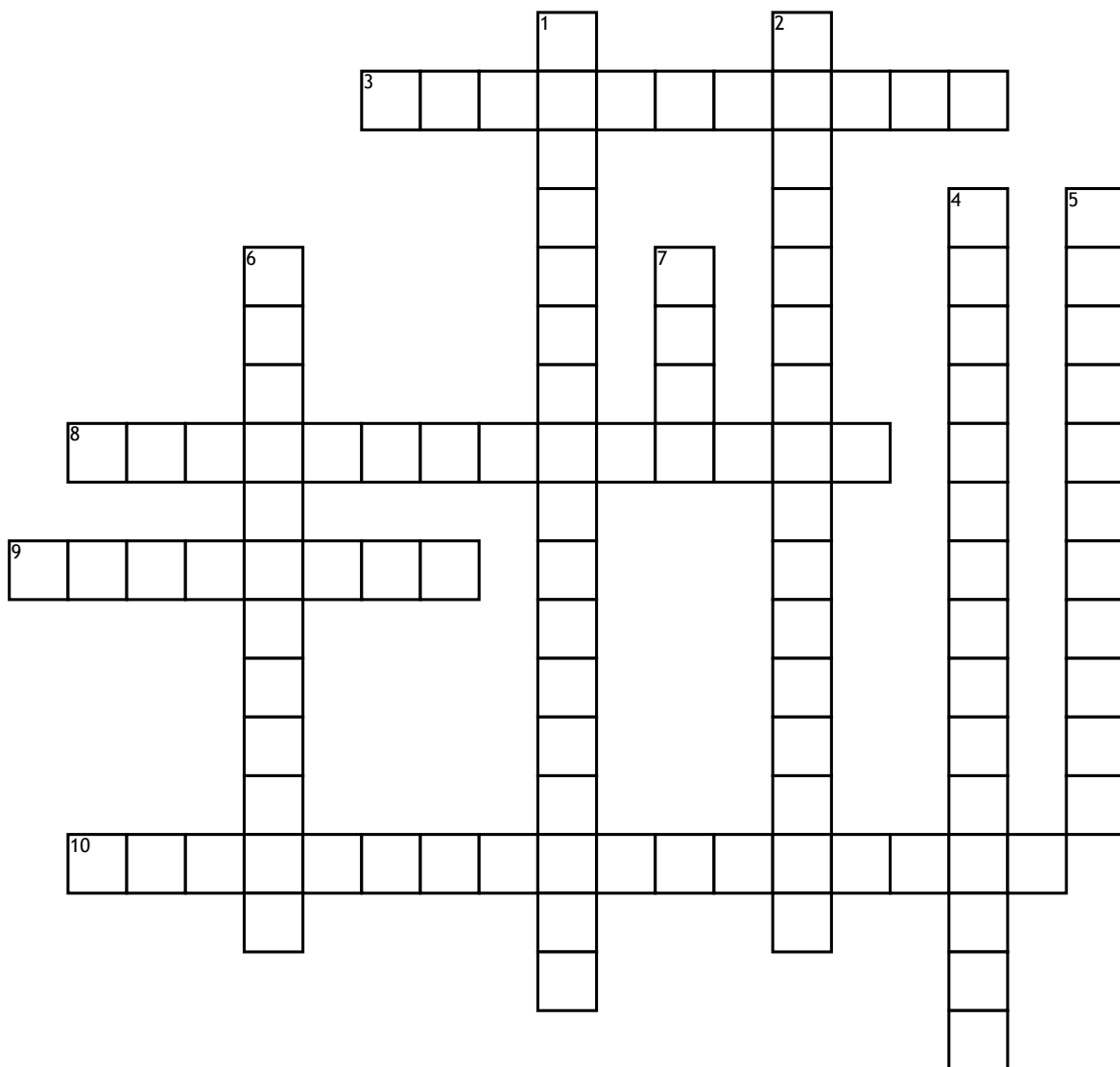


Name: _____

Date: _____

Chem



Across

- 3. Device to measure the absorption or release of heat in chemical or physical processes
- 8. Enthalpy change for the chemical equation
- 9. Accounts for the heat flow of the system at constant pressure
- 10. Releases heat to its surroundings

Down

- 1. Heat absorbed by one mole of a solid substance as it melts to a liquid at constant temperature
- 2. Heat of reaction for complete burning of one mole of a substance
- 4. Study of energy changes that occur during chemical reactions and changes in state
- 5. Measurement of heat flow in or out of a system for chemical and physical processes
- 6. Amount of heat needed to increase the temperature of an object exactly at one degree celcius
- 7. Represented by variable q