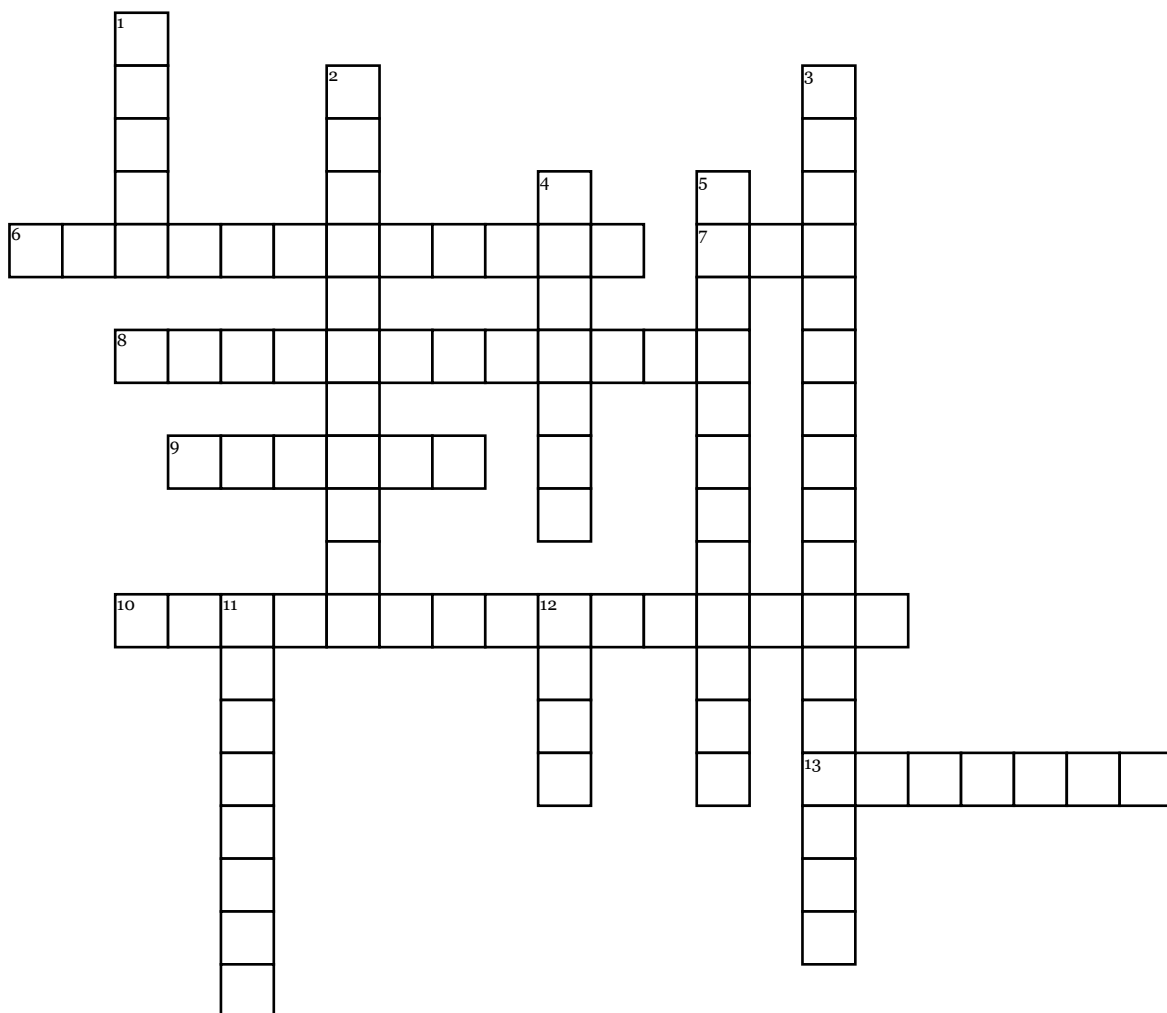


# Thermochemistry



**Across**

**6.** The amount of heat required to raise the temperature of 1g of any substance

**7.** Feels hot; releases energy

**8.** Temperature at which v.p. of liquid equals external pressure

**9.** Ability to do work or produce heat

**10.** The study of heat changes that accompany chemical reactions and phase changes

**13.** Means temperature change

**Down**

**1.** The standard unit of heat and energy

**2.** trapped molecules reach a balance between evaporation & condensation

**3.** energy can be converted from one form to another, but is never created or destroyed

**4.** The amount of heat that raises 1mL of water 1°C

**5.** The amount of energy that is required to change from a solid to a liquid

**11.** Reaction is the amount of heat gained or lost in a chemical reaction

**12.** Feels cold; absorbs energy