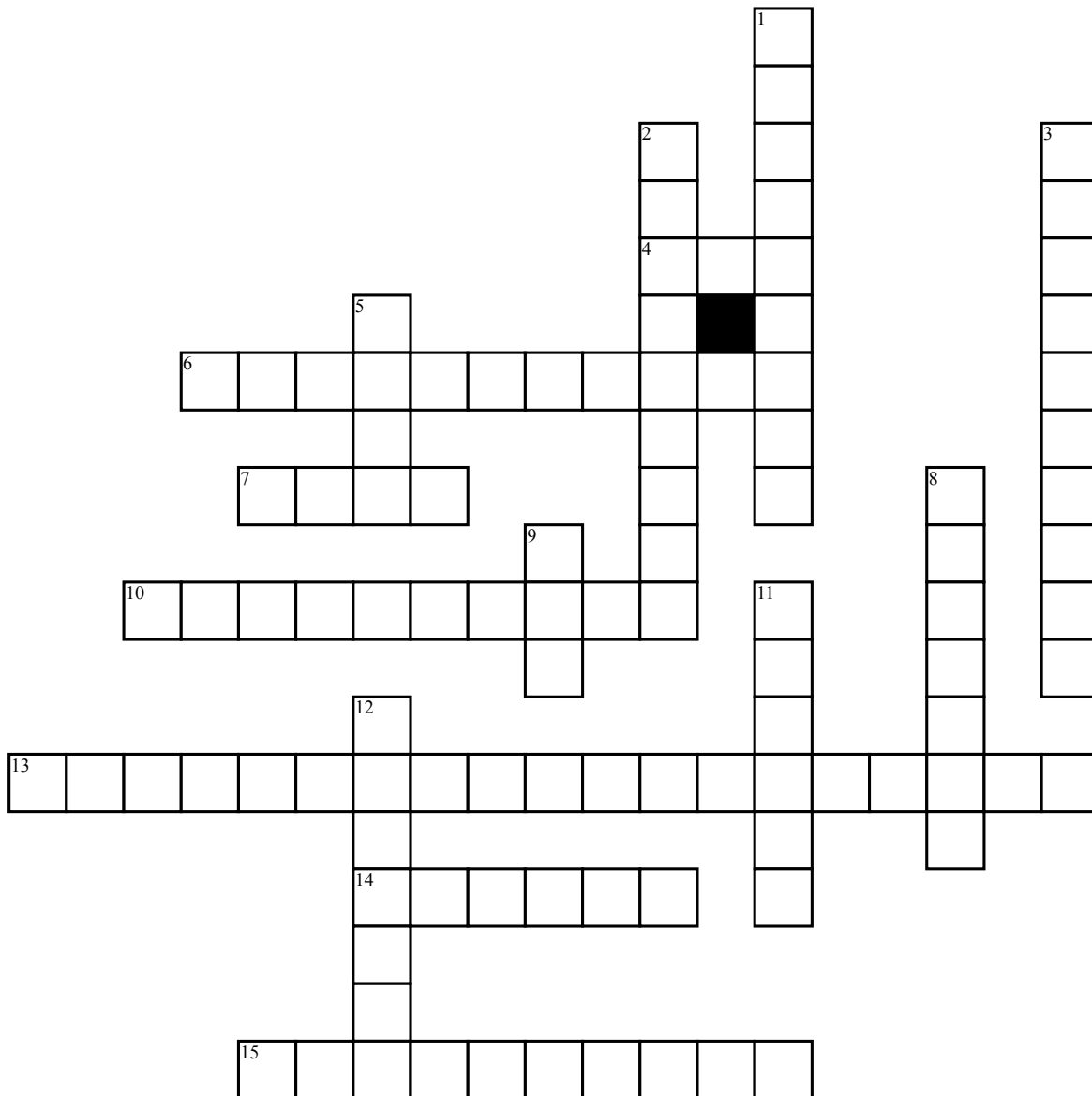


# Cellular Respiration



## Across

- 4.** Main product of cellular respiration  
**6.** Where cell respiration takes place.  
**7.** Referred to as "oven mits"  
**10.** What cells depend on in the electron transport chain.  
**13.** Process that releases energy from food in the presence of oxygen.  
**14.** One of the main reactants of cellular respiration.

- 15.** Second stage in which molecules are broken down into carbon dioxide in a series of energy-extracting reactions.

## Down

- 1.** Where glycolysis takes place.  
**2.** Doesn't require oxygen to occur.  
**3.** First set of reactions in cellular respiration in which a molecule of glucose is broken into two molecules for a net gain of 2 ATP.

- 5.** What form of energy is released from cellular respiration.  
**8.** Requires energy to occur.  
**9.** The high energy molecules from the Krebs cycle are used to create a high concentration of  $H^+$  ions, is used to form ATP synthase.  
**11.** Where the Krebs cycle takes place.  
**12.** Unit of measurement. Amount of energy required to raise 1g of water  $1^\circ C$