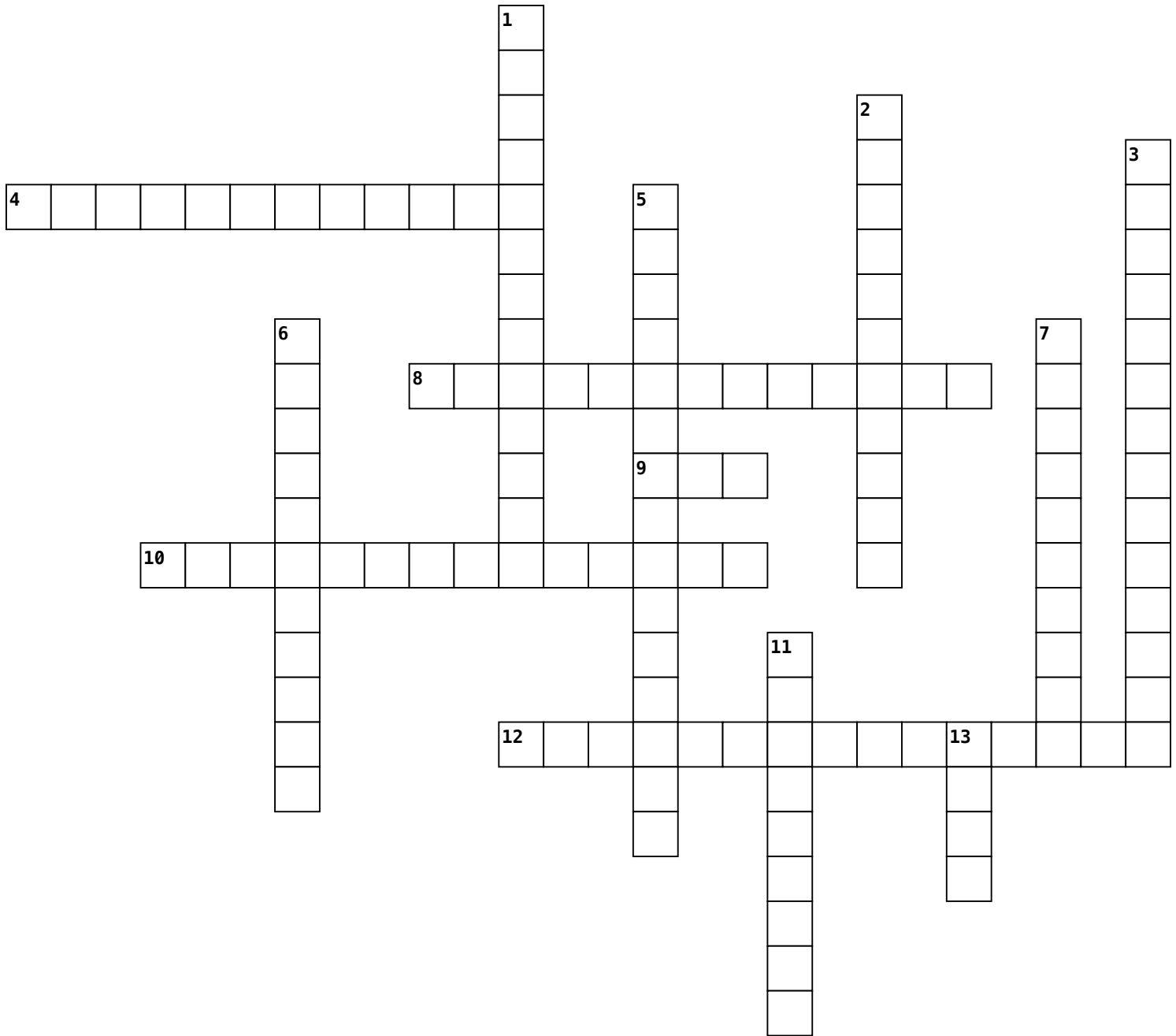


Terminology



Across

- 4.** synthesis of glycogen
- 8.** A glycoprotein that catabolizes the hydrolysis of tri-, di-, and mono-glycerides.
- 9.** "molecular unit of currency" of intracellular energy transfer
- 10.** the transfer of the amine group from one amino acid to make a non-essential amino acid
- 12.** synthesis of glucose from non-carbohydrate precursors

Down

- 1.** Interpretation of hereditary information from DNA to produce a strand of mRNA
- 2.** the process by which mRNA is "read" to ultimately produce a protein
- 3.** break-down of glycogen into glucose
- 5.** An aerobic pathway in the mitochondria that uses Acetyl CoA to produce the equivalents of 25 ATP per mole of glucose
- 6.** removal of the amine group from an amino acid

acid for excretion

7. break-down of one glucose molecule to two pyruvate

11. Process by which amino acids are broken down and excreted

13. is a reducing agent... it donates electrons 1____
= 2-3 ATP (2.5 ATP)