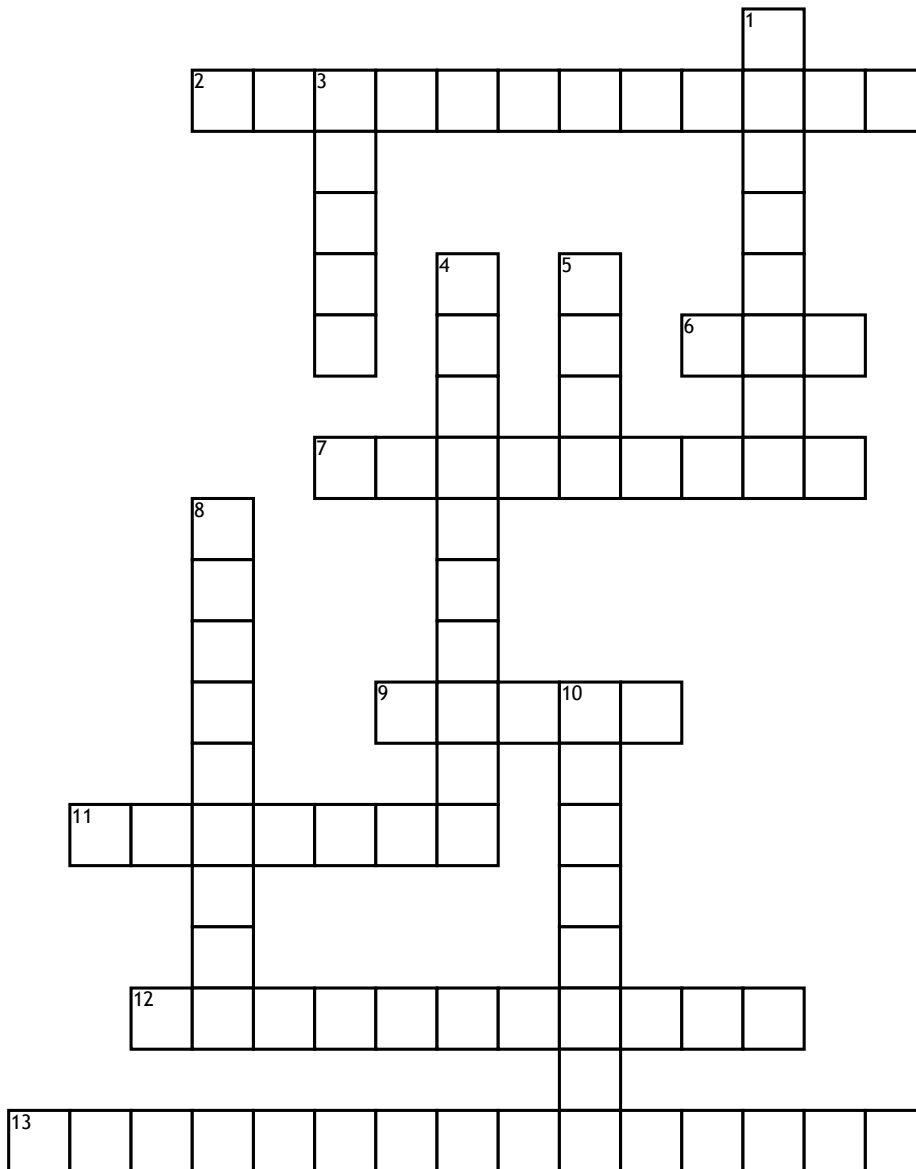


Nutritional Biochemistry - WEEK 1



Across

2. The electron transport chain takes place within the inner membrane of this organelle.

6. Unsaturated fats are in a _____ configuration, trans fats are in a trans configuration (twisted).

7. This type of fat has no double bonds.

9. Pentose Phosphate Pathway produces this.

11. Glycolysis, Pentose Phosphate Pathway, and Fatty acid synthesis all happen in this part of the cell.

12. Olive oil and canola oil fall under this category of fat.

13. The production of glucose from non-carbohydrate intermediates.

Down

1. One of the partially complete amino acids.

3. This type of fat is polyunsaturated and usually deemed unhealthy.

4. The mnemonic used to remember the nine essential amino acids.

5. Carbs and proteins both provide this number of kcals/g.

8. The word to describe the breakdown process that happens to glucose in Glycolysis.

10. The TCA cycle is the oxidation of _____ and Acetyl CoA to CO₂ and H₂O.