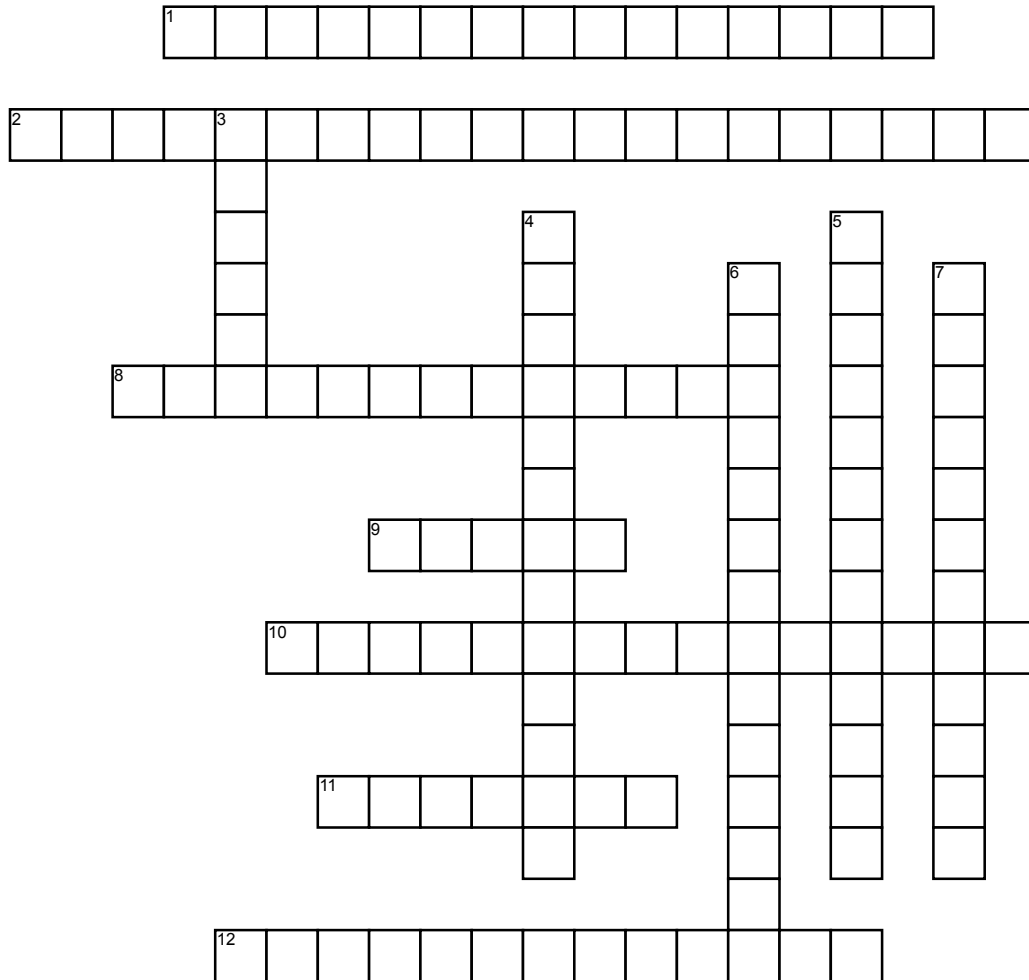


# Carbohydrates and Lipids



## **Across**

1. many simple sugars bonded together (ex. starches, and cellulose)
2. more than one monosaccharide
8. two simple sugars bonded together (ex. sucrose, and lactose)
9. resembles fats and is hydrophobic
10. simple sugars

## **Word Bank**

polysaccharides  
hydrogenation  
phospholipids  
lipids

11. fuel for cellular activity and stored temporarily as glycogen
12. Primary fuel for running all cellular machinery and contains carbon, oxygen, and hydrogen

## **Down**

3. long term energy storage, insulation, membrane formation, and hormones
4. artificial addition of hydrogen atoms to an unsaturated fat in order to make the fat more saturated

5. controls flow of chemicals in and out of the cell and has 2 fatty acid chains instead of 3

6. this type of fat is liquid at room temperature, and one carbon is bound to just one hydrogen

7. this type of fat is solid at room temperature and each carbon is bound together by two hydrogen

monosaccharides  
carbohydrates  
glucose  
complex carbohydrates

waxes  
unsaturated fat  
disaccharides  
saturated fat