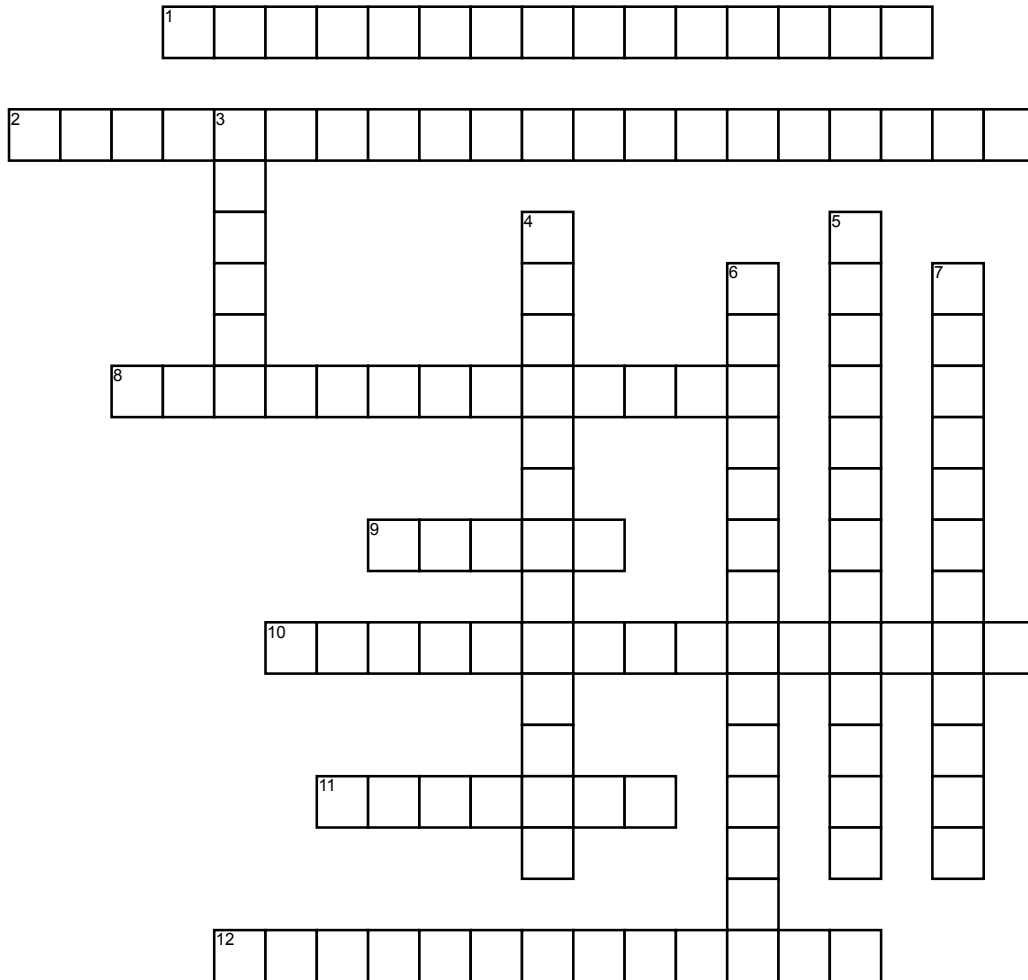


Carbohydrates and Lipids



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 luctose)
9. resembles fats and is hydrophobic
10. simple sugars

Word Bank

waxes
 monosaccharides
 polysaccharides
 glucose

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

disaccharides
 carbohydrates
 saturated fat
 complex carbohydrates

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

unsaturated fat
 phospholipids
 hydrogenation
 lipids