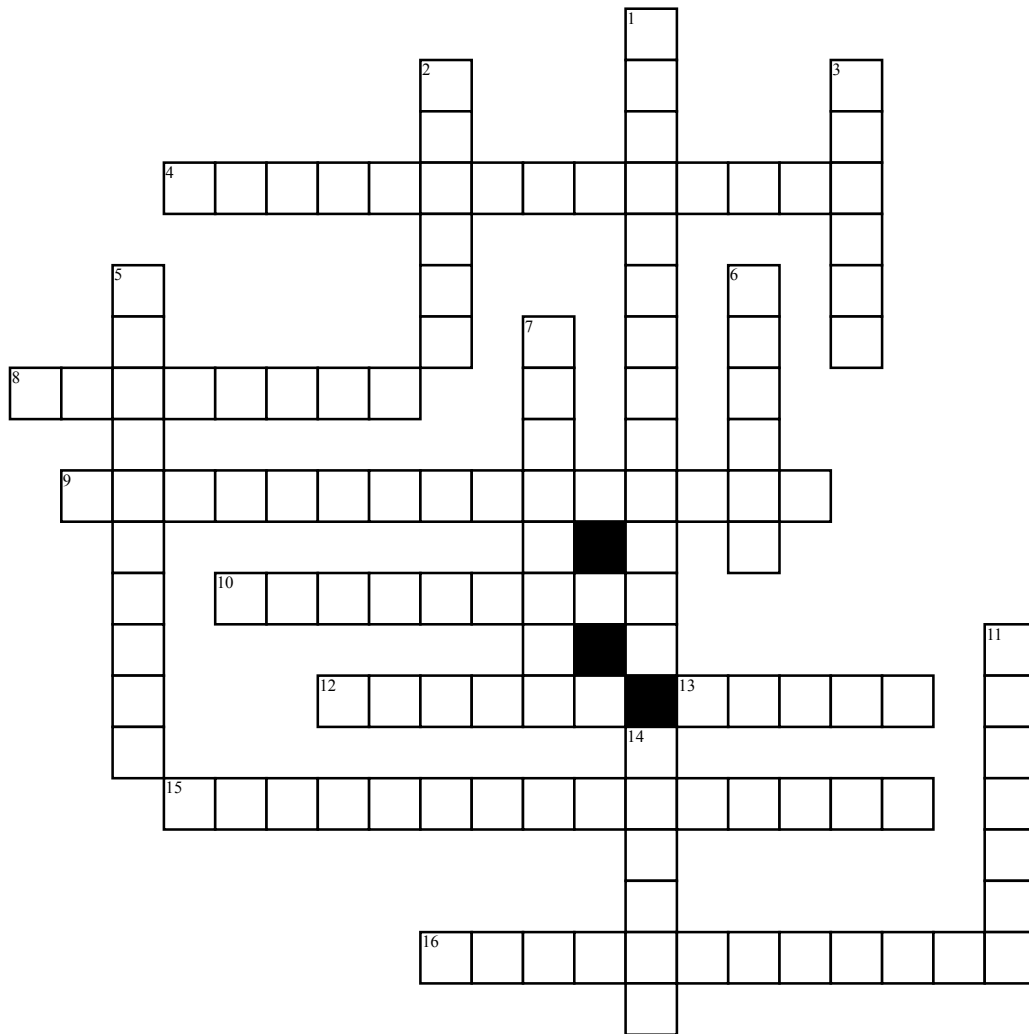


Name: _____

Date: _____

carbohydrates



Across

- 4. The chemical process where monomers combine to form a polymer
- 8. An element found in carbohydrates which is the most common element found on Earth. Also is the lightest element
- 9. Made of many small monosaccharides that create large, complex sugar polymers
- 10. A structural polysaccharides used in the cell walls of plants
- 12. A vegetable containing complex carbohydrates which are important for long term energy storage
- 13. Food with Carbohydrates

15. simple sugar that is colorless, water soluble and is made up of Carbon, Hydrogen, and Oxygen

16. Compound made up the elements called Carbon, Hydrogen, and Oxygen

Down

- 1. Sugars linked by two monosaccharides
- 2. Key function of a simple sugar
- 3. A fruit that rebuilds muscle glycogen, which is important for long term energy storage
- 5. The process that breaks apart polymers into monomers

6. An element found in carbs which is colorless and orderless and necessary for life

7. Food with Carbohydrates

11. Galactose + Glucose = ?

14. An element found in carbohydrates which have four electrons available for bonding and atoms can bond with each-other

Word Bank

- | | | | |
|-----------------|----------------|------------|-----------------|
| disaccharides | Cellulose | Potatoes | Polysaccharides |
| Monosaccharides | Hydrogen | Hydrolysis | carbohydrate |
| Bread | Lactose | Banana | Carbon |
| Oxygen | Polymerization | Energy | Squash |