

# POLYSACCHARIDES

Choose the correct words from the box below.

starch glycogen cellulose glucose energy plants animals  
many storage insoluble

- Polysaccharides are carbohydrates formed by combining \_\_\_\_\_ monosaccharide units.
- The most common monosaccharide used to form polysaccharides is \_\_\_\_\_.
- \_\_\_\_\_ is the main storage polysaccharide in plants.
- \_\_\_\_\_ is the storage polysaccharide found in animals.
- \_\_\_\_\_ forms the cell wall of plant cells and provides structural strength.
- Polysaccharides are generally \_\_\_\_\_ in water.
- Starch and glycogen are used as \_\_\_\_\_ forms of carbohydrates.
- Polysaccharides are broken down into glucose to release \_\_\_\_\_.
- Starch is mainly found in food materials such as potatoes and grains of \_\_\_\_\_.
- Glycogen is sometimes called “animal starch” because it stores energy in \_\_\_\_\_.

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Answer Key

starch glycogen cellulose glucose energy plants animals  
many storage insoluble

1. many
2. glucose
3. starch
4. glycogen
5. cellulose
6. insoluble
7. storage
8. energy
9. plants
10. animals