

Macromolecules

Exit Quiz - Teacher Edition

Decide if the following statements are true or false. Correct the false statements to make them true.

1. The breakdown of polymers into monomers occurs through a process known as a condensation reaction.
2. Carbohydrates contain the elements carbon, hydrogen and oxygen in a ratio of two hydrogen and one oxygen atom to one carbon atom.
3. Lipids are either fats or oils which are soluble in water.
4. Glycosidic linkages form between glucose monomers when they form disaccharides.
5. Carbon atoms can form a double bond which involves 4 electrons.

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1. The breakdown of polymers into monomers occurs through a process known as a condensation reaction.

False – the breakdown of polymers into monomers occurs through a hydrolysis reaction.

2. Carbohydrates contain the elements carbon, hydrogen and oxygen in a ratio of two hydrogen and one oxygen atom to one carbon atom.

True

3. Lipids are either fats or oils which are soluble in water.

False – lipids are insoluble in water

4. Glycosidic linkages form between glucose monomers when they form disaccharides.

True

5. Carbon atoms can form a double bond which involves 4 electrons.

True