Organic Chemistry

CHEM

Name_____ Class_____ Date_____

1 Given the **organic reaction**:

This **reaction** is an example of

A fermentation **C** substitution
B addition **D** saponification

2 **Cellulose**, **protein**, and **starch** are classified as

A aldehydes
B esters
C synthetic polymers
D natural polymers

3 An example of a **secondary alcohol** is

A 1-propanol

4 What is the correct formula for **butene**?

A C_4H_4

7

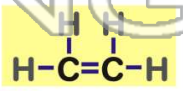
A addition
B substitution
C polymerization
D combustion

A an alcohol and carbon monoxide
B an alcohol and carbon dioxide
C a salt and water
D a salt and an acid

9 The **principal products** of **saponification**, a reaction between a fat and a base, are **soap** and

A water
B glycerol
C carbon dioxide
D ethyl alcohol

10 Given the **compound**:



The **symbol** = represents

A one pair of shared electrons
B two pairs of shared electrons
C a single covalent bond
D a coordinate covalent bond

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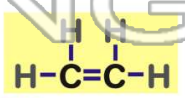

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