

Chemistry: Quiz 9 (Chapter 11)

1. What is a polymer?
2. What are some examples of synthetic polymers?
3. What are some examples of biological polymers?
4. What are the two common structures in a synthetic polymer?
5. What happens during addition reactions when forming a polymer?

Chemistry: Quiz 9 ANSWER KEY

1. What is a polymer?

A molecule made of many repeating units called monomers

2. What are some examples of synthetic polymers?

Any of the following: plastic, fabric, glue, rubber, styrofoam

3. What are some examples of biological polymers?

Protein and DNA

4. What are the two common structures in a synthetic polymer?

Linear and branched polymers

5. What happens during addition reactions when forming a polymer?

Monomers are linked together to form a chain