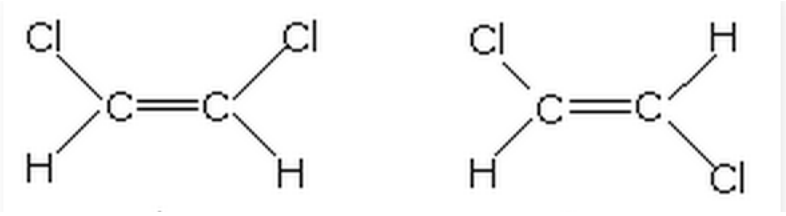
Post Test Organic Chemistry and Polymers

Name_____

1. Organic Chemistry is the study of _____.

2. What is the difference between an alkane, alkene and alkyne?

3. Label the following as cis- or trans- isomers with respect to chlorine:



4. Draw the general structure of an ester:

5. List several objects that you use each day that is made up of polymers.

6. Define the term “polymer”.

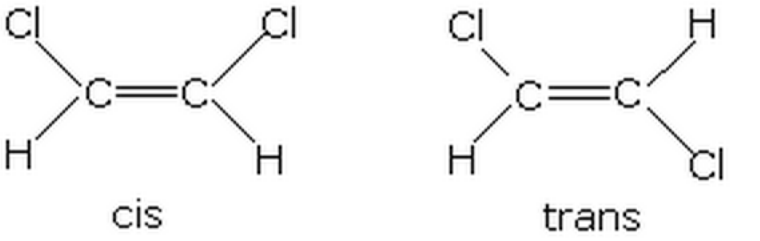
7. Give one example of a naturally found polymer.

Post test (with answers) Organic Chemistry and Polymers

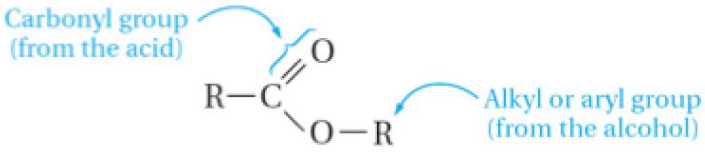
Name_____

1. Organic Chemistry is the study of _____.
   Carbon containing compounds
2. What is the difference between an alkane, alkene and alkyne?
   Alkane: single bond
   Alkene: double bond
   Alkyne: triple bond

3. Label the following as cis or trans isomers with respect to chlorine



4. Draw the general structure of an ester:



5. List several objects that you use each day that is made up of polymers.
   Plastic bottles, rubber bands, chewing gum, etc.

6. Define the term “polymer”.
   Is a large molecule, or macromolecule, composed of many repeated subunits.

7. Give one example of a naturally found polymer.
   Rubber