

## 22

## HYDROCARBON COMPOUNDS

## Vocabulary Review

Each clue describes a vocabulary term. Read the clues and write the letters of each term on the lines provided.

1. Clue: hydrocarbons containing carbon-carbon triple bonds.

\_\_\_\_\_ ○ \_\_\_\_\_

2. Clue: group of atoms that takes the place of a hydrogen in a parent hydrocarbon.

\_\_\_\_\_ ○ \_\_\_\_\_

3. Clue: geometric isomer with substituted groups on the same side of the double bond.

\_\_\_\_\_ ○ \_\_\_\_\_

4. Clue: series of compounds related by a constant increment of change.

○ \_\_\_\_\_ ○ \_\_\_\_\_

5. Clue: controlled process of breaking down hydrocarbons.

\_\_\_\_\_ ○ \_\_\_\_\_

6. Clue: another name for an aromatic hydrocarbon.

\_\_\_\_\_ ○ \_\_\_\_\_

7. Clue: molecules that differ in the arrangement of atoms in space.

\_\_\_\_\_ ○ \_\_\_\_\_ ○ \_\_\_\_\_

8. Clue: organic compounds that contain the maximum number of hydrogen atoms per carbon atom.

\_\_\_\_\_ ○ \_\_\_\_\_  
 \_\_\_\_\_ ○ \_\_\_\_\_

Write the letter found inside the circles on the lines below. Then unscramble them to find the name for the class of organic compounds that contain only carbon and hydrogen.

**Scrambled letters:** \_\_\_\_\_

**Solution:** \_\_\_\_\_