

REVIEW

4

SECTION 4.4

Organic and Biochemical Compounds

1. **Identify** the following compounds as alkanes, alkenes, or alcohols based on their names.

- _____ a. 1-propanol
- _____ b. cyclopentene
- _____ c. cyclopentanol
- _____ d. methylcyclopropane
- _____ e. 2-butene
- _____ f. 2-ethylhexane

2. **Contrast** alkanes and alkenes, and give an example of each.

3. **Explain** the similarities between alcohol molecules and water molecules.

4. **Explain** how glucose and starch are related.

5. **Name** the elements that compose proteins, the essential polymers of life.

6. **Explain** how the bases that form DNA make pairs.
