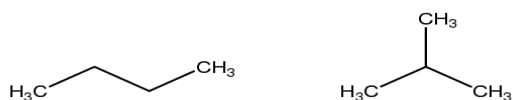


Spring 2009 CH302 Worksheet 10 – Organic Chemistry Answer Key

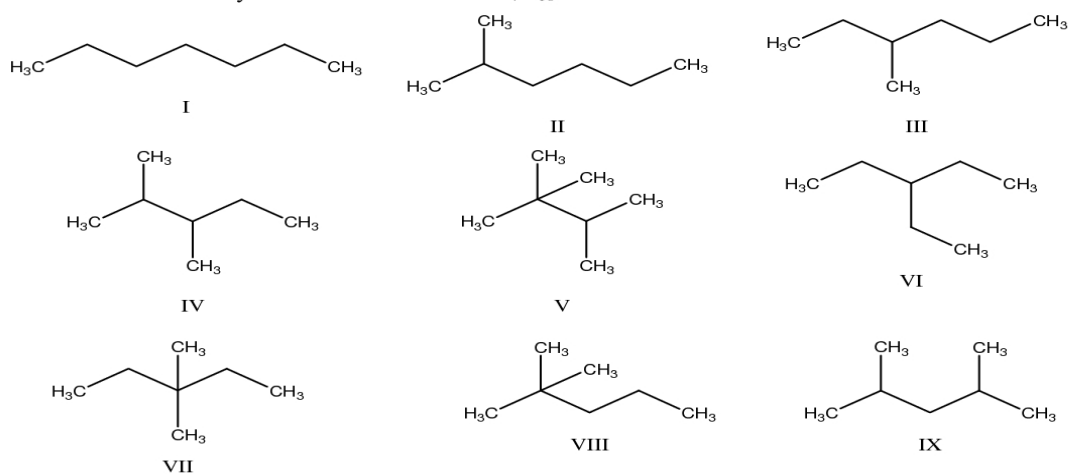
1. How many structural isomers does C_4H_{10} have? Draw them. **2**



2. Name them.

butane, trimethylmethane

3. How many structural isomers does C_7H_{16} have? Draw them. **9**



4. Name them.

In order from I-IX: Heptane, 2-Methylhexane, 3-Methylhexane, 2,3-Dimethylpentane, 2,2,3-Trimethylbutane, 3-Ethylpentane, 3,3-Dimethylpentane, 2,2-Dimethylpentane, 2,4-Dimethylpentane