

## 16.1 Assignment

### Drawing Isomers of Hydrocarbons

1. Draw the structural formula for pentane. (Show all atoms and bonds.) (1 point)
2. The compound  $C_{10}H_{22}$  has many isomers. Draw and name four of them. Make sure at least one of the isomers includes a methyl group and one includes an ethyl group. (8 points)
3. The compound  $C_6H_{12}$  has many isomers. Draw and name three of them. (6 points)