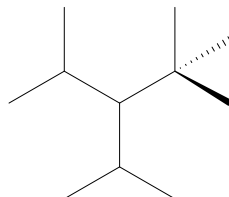
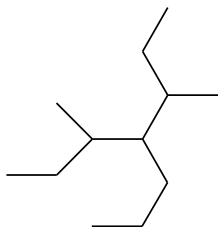


CHM 2210 - Homework for Chapter 3

1. Name the following molecular skeleton structures. Follow naming rules in Section 3.4. (2 pts)



2. Draw the skeletal structures for 4-(1,2-dimethylpropyl)-2,2,3,5,6-pentamethylheptane and 4-ethyl-2,2,5-trimethyloctane. Follow naming rules in Section 3.4 of McMurry. (1 pt)

3. Describe the difference between torsional and steric strains of conformational isomers (conformers). Use Newman projections of anti, gauche, and eclipsed butane molecules to show which of these strains are present. (2 pts)

