1. Given the structural formula, give the name of the following organic compounds:

   a. 
   
   b. 
   
   c. 
   
   d. 

2. Given the structural formula, give the name of the following organic compounds:

   a. cis-3-hexene

   b. cyclohexane (chair conformation)

   c. 3,3-dimethyl-1-pentyne

   d. 1,3-dimethyl-2-nitrobenzene