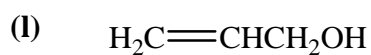
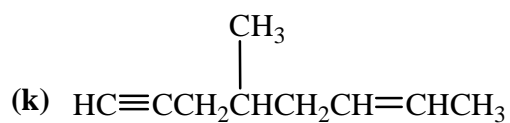
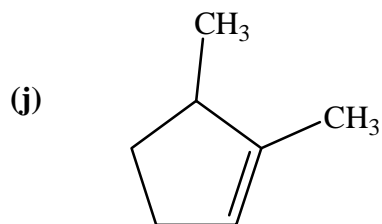
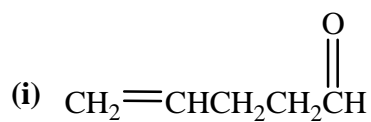
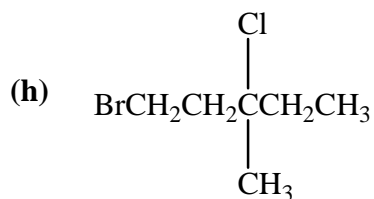
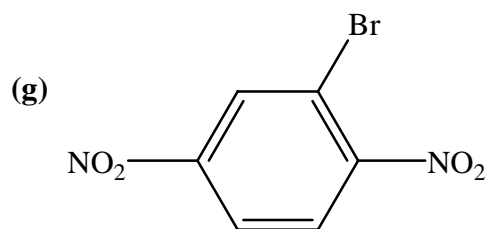
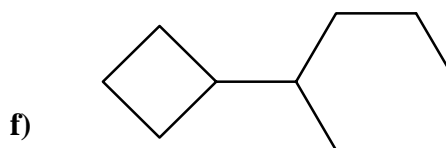
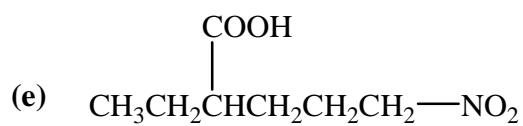
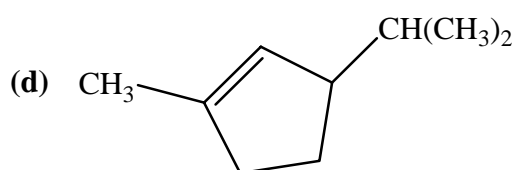
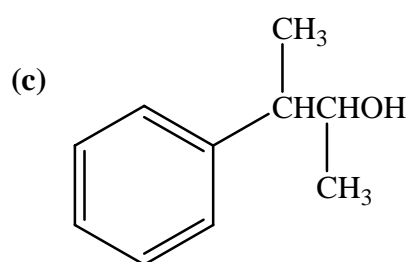
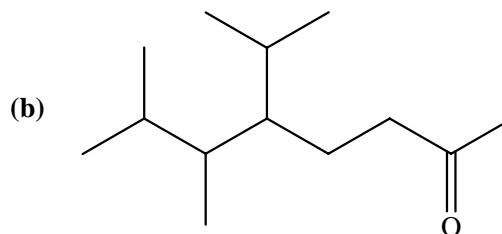
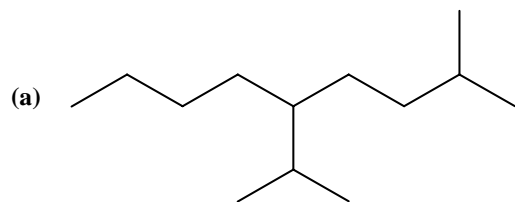


CHEM 201

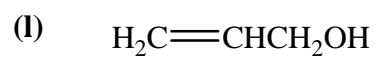
Quiz # 3 Chapter 3: Structural Isomerism, Nomenclature, and Alkane

1. Write the correct IUPAC name for each of the following compounds:

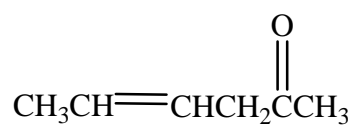
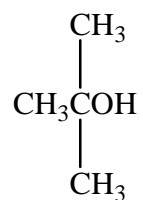


2. Draw structures corresponding to the following IUPAC names:

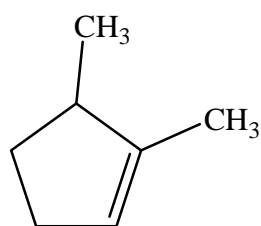
- a) 3-methyl-2-cyclohexene
- b) 1,3-dibromo-5-methylcycloheptane
- c) 2-ethyl-2-buten-1-ol
- d) 3-nitro-2-phenylpropanoic acid
- e) 4-hexen-2-one
- f) 3-methyl-3-butenal
- g) 4-*tert*-butyl-2-methylheptane
- h) 3,4-diisopropyl-2,5-dimethyl-3-hexene
- i) 4-*sec*-butyl-2-chlorononane
- j) 3-phenylprpanal
- k) 1,2-cyclobutanecarboxylic acid
- l) 4- methyl-4-propyl-1-chlorocyclohexane



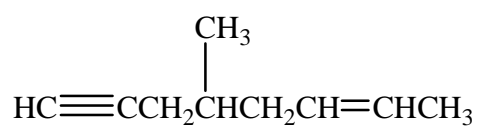
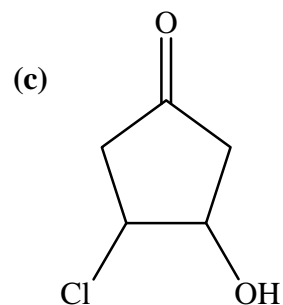
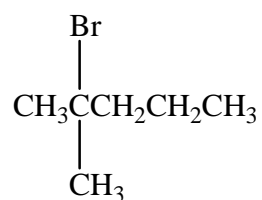
2-propen-1-ol



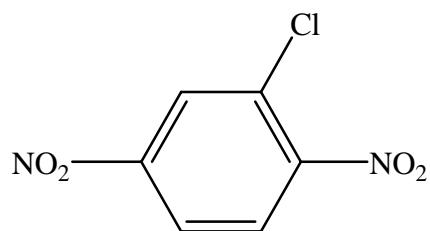
4-hexen-2-one



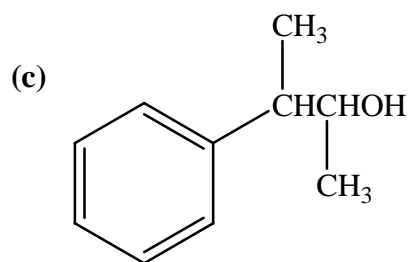
1,5-dimethylcyclopentane



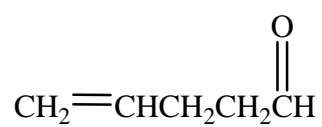
4-methyl-7-octen-1-yne



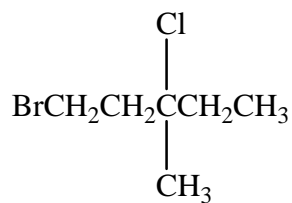
2-chloro-1,4-dinitrobenzene



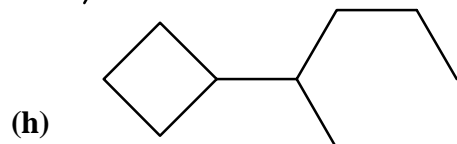
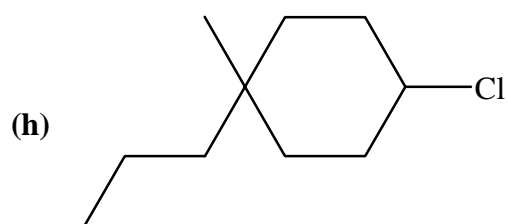
3-phenyl-2-butanol



4-pentenal



1-bromo-3-chloro-3-methylpentane



3-cyclobutylhexane