Practice 1: Interconverting Condensed and Structural Formulas

1. Convert the structural formulas to condensed formulas.

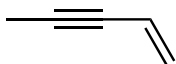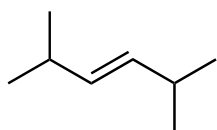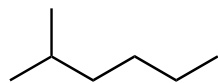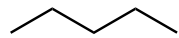|	
(pentane structure)	
(4-methylpentane structure)	
(2,4-dimethyl-2-pentene structure)	
(pent-1-en-3-yne structure)	
(4-hydroxy-2-butanone structure)	
(N-ethylethanamine structure)	
(butanoic acid structure)	
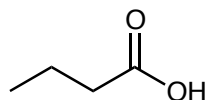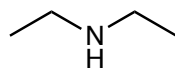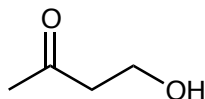
2. Convert the following condensed formulas to structural formulas using zig-zag notation when possible.

$CH_3CH_2CH_2CH(CH_3)_2$

$CH_3(CH_2)_3CH_2OCH_2CH_3$

$CHOCH_2CH_2CHCH_2$

$(CH_3CH_2)_3N$

$(CH_3)_2CCH_2CH_3$

$HOCH_2CH_2CO_2H$

$C_6H_5CH_2Br$