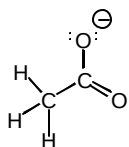


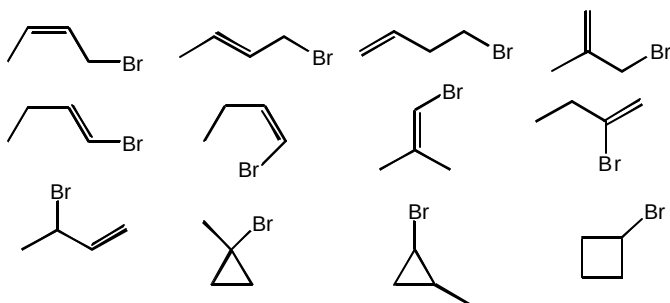
Practice Exam 1i - Answers

1. C, H, K, M, S, W, Z, CC

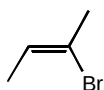
2. (a)



(b) any one of the following



(c)



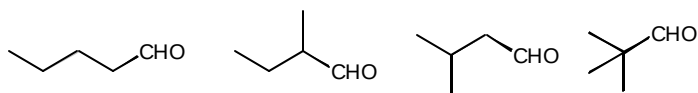
(d) $C_{17}H_{21}NO_4$

(e)

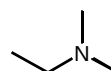
- a. $Csp^2 + Osp^3$
 b. $Csp^2 + Csp^2$
 c. $Csp^2 + Osp^2$, Cp + Op

(f) 120°

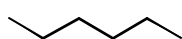
3 (a) Any three of the following



(b)



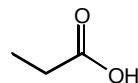
(c)



Van der Waals



Hydrogen bonding



Hydrogen bonding

(d) HF has hydrogen bonds between the F and the proton on the F., whereas there is no hydrogen bonding between molecules of ethyl fluoride.