## Problem Set 1

1. Draw Lewis structures that correspond to each of the following condensed formulas.
A. $\mathrm{H}_{3} \mathrm{CCH}_{2} \mathrm{CH}_{3}$
B. $\mathrm{H}_{3} \mathrm{CCH}_{2} \mathrm{OH}$
C. $\mathrm{H}_{3} \mathrm{O}^{+} \mathrm{Cl}^{-}$
2. Draw Lewis structures that correspond to each of the following line-angle formulas.
A.

B.

C.

3. Draw line-angle formulas that correspond to each of the following condensed formulas.
A. $\mathrm{H}_{3} \mathrm{CCHO}$
B. $\mathrm{H}_{3} \mathrm{CCHOHCHO}$
C. $\mathrm{H}_{3} \mathrm{CCOCHO}$
D. $\mathrm{H}_{3} \mathrm{CCHCHCHO}$
