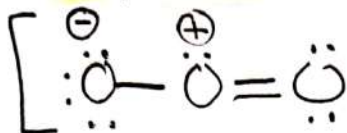


Name: _____ Date: _____ Pd: _____

Resonance Practice Problems #3

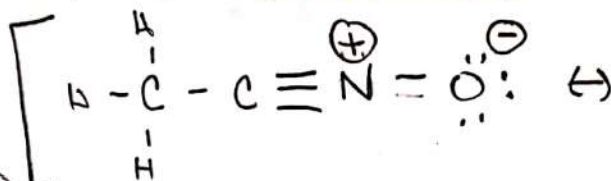
1. For each of the following molecules, draw the indicated number of structures. (This number is the total number of molecules you should draw out, including the original one.)

a) O_3 (2 structures total)



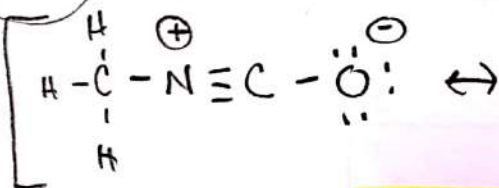
$1e^-$
 $3H = 3$
 $2C = 8$
 $N = 5$
 $O = 6$

b) CH_3CNO (3 structures total)



22
total e^-

c) CH_3NCO (3 structures total)



d) CH_3SCN (3 structures total)

e) CH_3NCS (3 structures total)

2. Draw reasonable resonance structures for each of the following initial molecules, using clearly drawn curved arrows.

