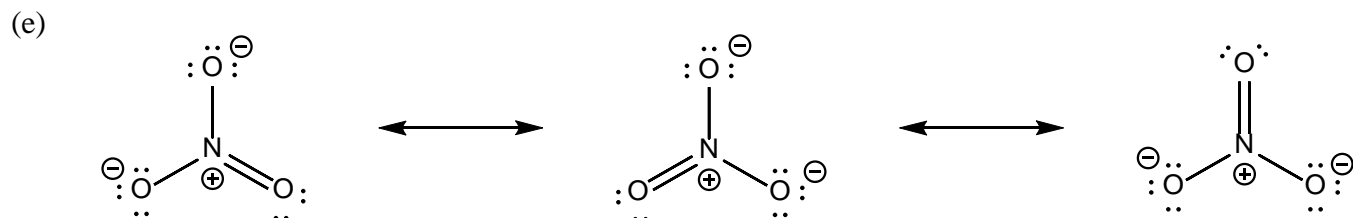
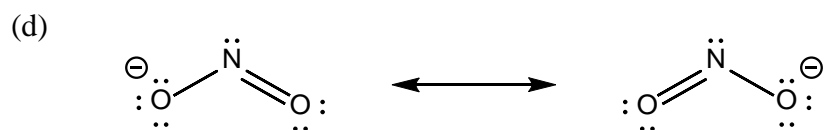
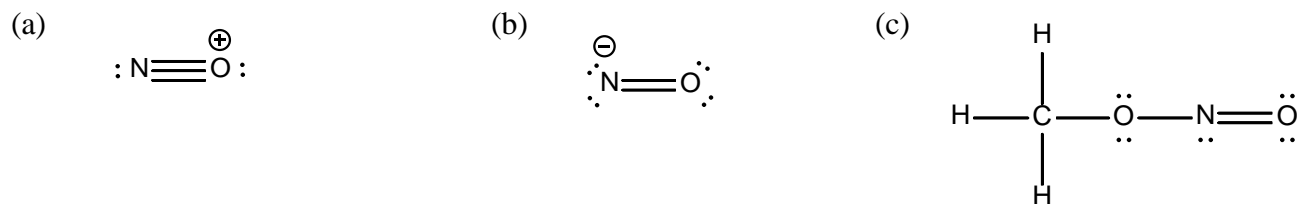
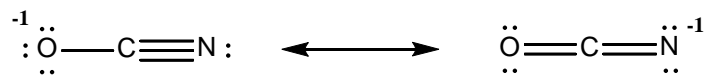


## Exercise 8.6 Bond Order

1. What are the bond orders for the N-O bonds in the species shown below?



2. Without the help of a computer, we cannot calculate an exact C-N bond order for the ion shown below.



(a) Why not?

(b) What can we conclude about the C-N bond order in this ion?