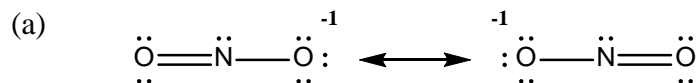
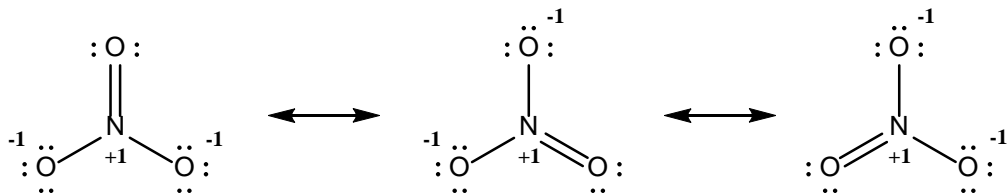


Answers to Exercise 8.4 Drawing Resonance Structures

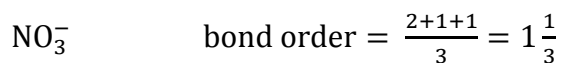
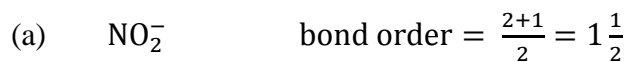
1.



(b)



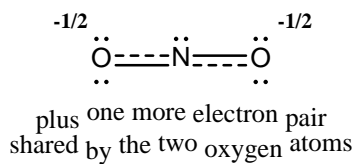
2.



(b) The N-O bond order is greater for NO_2^- . As such, the N-O bonds in NO_2^- are shorter than the N-O bonds in NO_3^- .

3.

(a)



(b)

