Exercise 8.3 Drawing Lewis Diagrams (Including Formal Charges)

1. Draw one valid Lewis diagram for each of the ions listed below. *Include any non-zero formal charges on the appropriate atoms.*

(a) NO_2^+

(b) NO_2^-

(c) PO_4^{3-}

(d) PO_3^{3-}

(e) SO_4^{2-}

(f) SeO_4^{2-}

(g) ClO₂

(h) BrO_3^-