

Lewis Structures & Formal Charges

These exercises range from simple to complex. If you get stuck, move on, as they are not in any particular order. Some will have more than one right structure. Draw out each molecule in expanded form, remembering to:

- follow the rules of bonding
- follow the octet or duet rule as appropriate (a line/bond is a pair of electrons)
- show all lone pairs of electrons
- calculate and show formal charges next to the atoms (if they have charges)
- verify overall charge

