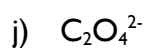


Polyatomic Ions

Polyatomic ions are ions which involve more than one element. The example in the video, CO_3^{2-} , The carbon and the oxygen atoms are covalently bonded together.

Have a go at drawing dot cross diagrams for the following ions:



Remember:

1. Identify central atom
2. Decide which atom has lost/gained e due to charge
3. Use bonds (pairs of electrons) to ensure the outer atoms have a full outer shell
4. The central atom can have more than 8 in outer shell provided it is after period 2