Compute the total number of valence electrons for each polyatomic ion, and then draw a Lewis diagram of its structure. The first one is completed for you as an example.

SO ₄ ²⁻ Sulfate	Sulfur: $6 \times 1 \text{ atom} = 6$ Oxygen: $6 \times 4 \text{ atoms} = 24$ Extra for 2- charge = 2 Total = $6 + 24 + 2 = 32$	• • • • • • • • • • • • • • • • • • •
CIO ₃ Chlorate	Chlorine: x 1 atom = Oxygen: x 3 atoms = Extra for – charge = Total =	
CrO ₄ ²⁻ Chromate	Hint: Cr has 6 valence electrons for this ion	
CO ₃ ²⁻ Carbonate		Hint: There's a double bond!

PO ₄ ³⁻ Phosphate	
NO ₃ Nitrate	
NO ₂ Nitrite	Hint: it's not symmetrical!
SO ₃ ² - Sulfite	