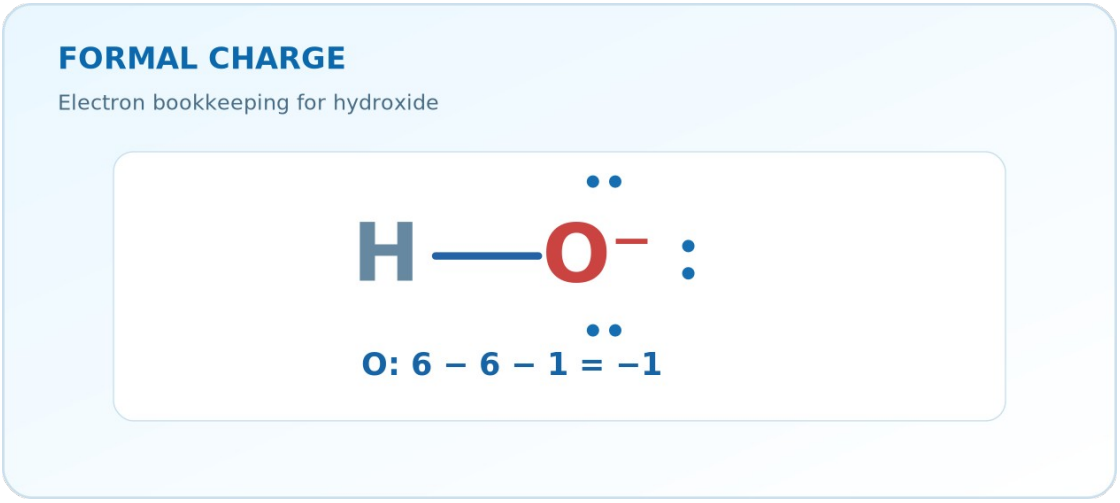
Formal Charge — Count, Compute & Check

STUDENT WORKSHEET • NAME: _____ DATE: _____



Instructions: Show electron counts and charges when requested. Draw structures clearly and label lone pairs.

1. **Find the formal charge on N in NH_4^+.**

2. **Find the formal charge on O in OH^-.**

3. **Find the formal charge on O in H_3O^+.**

4. **Find the formal charge on N in the usual NO_3^- resonance contributor.**

5. **In :C≡O:, find the formal charge on C.**

6. **In O=O–O, find the formal charge on the central oxygen.**

7. **In a nitrite contributor O=N–O⁻, find the formal charge on single-bonded terminal O.**

8. **In a carbonate contributor with two single-bonded oxygens, check overall charge.**