**Practice Exercises**

**Show the hybridization for the central atom in each of the following molecules.**

1. **PO₄⁻³**
2. **XeF₄**
3. **SO₃⁻²**
4. **PF₆⁻**
5. **CH₃⁺**
6. **BrF₄⁻**
7. **IF₅**
8. **BF₃**