¹⁹F NMR In-class exercise

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Predict the ¹⁹F NMR spectrum of IF₅ in CDCl₃ solution.

- 1. How many F environments are there?
- 2. Show a stick diagram to explain the expected splitting pattern.
- 3. What is the predicted integration of each different ¹⁹F signal?
- 4. Sketch the resultant predicted spectrum.