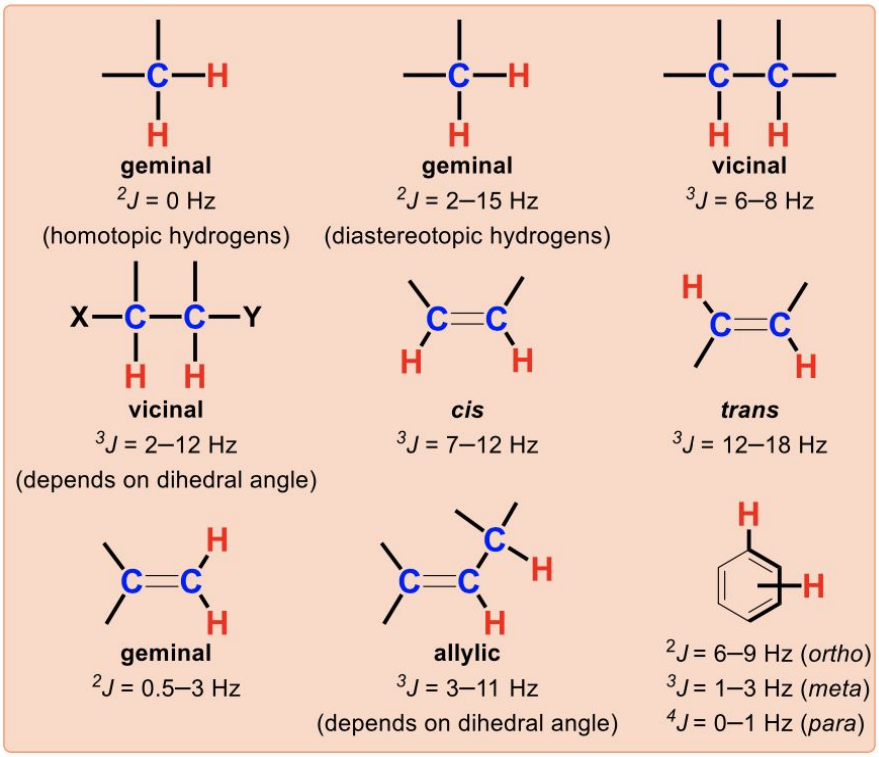
Mock IChO Corrections & Clarifications

The corrections/clarifications noted during the exam will be listed here as follows:
[Time][Problem Number] Correction

Example:
[2:32][#2] Pt. 4 should say apc stands for “a pedantic clown” instead of “alec personal computer”

[12:26][N/A] Typical coupling constants provided below:



[1:20][N/A] If you need clarification on a question:
1) Private message @fizzest
2) If that fails, call @fizzest through discord
3) If that fails, try again in a few min, and move on to another problem
UNDER NO CIRCUMSTANCES SHOULD CLARIFICATIONS BE DISCUSSED IN PUBLIC TEXT OR VOICE CHANNELS!!!!!

[2:29][#3] Pt. 4/6 - The statistical average molar mass in this problem is defined as the molar mass of a chain of length *n*, where *n* is equal to the mean average polymer length of all tungsten containing molecules/species.

[3:34][#1] You may assume that standard conditions are 1 atm or 1 bar (either is accepted and you won't be penalized so don't change your answer), but if you haven't done the question yet, **you should use bars throughout the problem** per IUPAC standards.

[3:40][N/A] If you make an error on drawing a graph in the preprinted answer sheets, cross out the graph, and copy it onto your free response answer sheet corresponding to that problem. Write a short note on the preprinted sheet explaining why.

[3:40][#6] Pt. 4 THF stands for "tetrahydrofuran."

[4:30][#2] potassium persulfate is $K_2S_2O_8$.

[5:16][#3] Pt.4 The temperature of the buffer and the relevant K_{eq} is at 298 K.

If 100.0 mmol of sodium tungstate is added to a 1.00 L pH = 4.00 buffer, it is found that the statistical average molecular mass of tungstate species is 2200 g/mol.

4. Calculate the value of the equilibrium constant K_{eq}.

[5:47][#2] The voltage of the SCE with respect to the SHE as given in the table is when $[Cl^-]$ = 4.58 M. This is part of the definition of the SCE. You may simply take this voltage value for granted, i.e. use it "as is."