

Organic Chemistry II CHM 3150, Dr. Laurie S. Starkey, Cal Poly Pomona
Ch. 18 (Klein): Aromatic Reactions, Textbook Problems Cover Sheet

Name: _____ Signature: _____
By signing, you are confirming that the work you are submitting is your own.

Submit PDF to Gradescope. Please complete this cover page and include it as the first page of the pdf you submit. If you worked on paper, use Genius Scan (or equivalent app) to convert your hand-written homework to a clean, readable pdf. *Please crop your pages, apply a Black & White filter, and minimize the file size.*

Hand-written and/or WileyPLUS EOC Please mark the appropriate box below.

☐ hand-written only ☐ hand-written problems & WileyPLUS ☐ WileyPLUS only

A note on the proper use of the Solutions Manual Being a good student with great study skills means working on a textbook problem...and then checking your answer! When working offline you can check for yourself in the Solutions Manual. There should be signs of corrections made to the problems you are turning in for homework credit. **Students who simply copy answers from the Solutions Manual and submit them as their own work will not earn credit on this assignment.** Having the option to "grade" your own work is a huge advantage to working on textbook problems the old-fashioned way (pencil to paper, or stylus to tablet...), and it reinforces the fact that there is often more than one suitable reagent.

Do I have to do them all to earn +10 points credit? No! If a problem has parts a-d and you can easily do the first few, then move on to something new and more challenging. **Be sure to work on problems of all types**, because that's what you will see on the exam (nomenclature, predict the product/reagent/starting material, explain/short answer, mechanism, synthesis). The more problems you work on, the higher your midterm score will be, so that is your motivation for working on textbook problems! I will apply a reasonable threshold to indicate "yes you have done EOC problems" and give you credit for doing so (the same applies to your score on WileyPLUS, which will be adjusted to the 10-point maximum).

Suggested Ch. 18 EOC problems, in addition SkillBuilders 18.1 – 18.7 & problems 4-32, 35b, 37.
Excellent practice (good to work on paper): *Mechanisms and **Synthesis

38	53ab**	69	
39	54a-d**	70	From Ch. 20:
40	55	71	20.43
41a-e	57	72	20.50a-d**
42a-f	58*	73	20.59**
43a-j	59	74	
44	60	75	Ch. 21/22:
45a-f	61ab	76	21.34
46a-j	62	77	22.26a-f**
47	63a-d**	78	22.66a-e
48*	64a-d	79	
49a-e*	65		
50ab*	66ab**	80ab	
51*	67a-h**	82ab**	
52a-d	68	83	