

Fall 2016 COT 3100 Homework #2 Grading Criteria

Three questions to grade carefully:

Question #1

Question #3

Question #7

Each is worth 2 points. 0 if missing, 1 if about half correct or less, 2 pts otherwise.

Items to comment upon for each question:

Q1: Explain if any step doesn't match the rule they wrote. Or, if they didn't write the rule, write it in for them. If they substituted, tell them they should not do that. Show how to line things up like the solution if they didn't do this. Give full credit if it's mostly correct.

Q3: If they don't clearly delineate both cases, please tell them to do so. If the algebra is incorrect anywhere, correct it. Once they factor out the 2 all they need is a single summation sentence. Assigning 0, 1 or 2 should be pretty clear on this one.

Q7: They can use direct proof, proof by contradiction or proof of the contrapositive. If there are any errors in the set up, write in the fix and why their set up isn't valid. Make sure they justify deductions either with the formal rules or the definitions of the objects. Either style of write up in the solutions is fine.

Questions 2,4,5,6,8,9,10 - very quickly eyeball and award 0, 1, 2, 3 or 4 points out of 4. As long as these look roughly complete please just give 4/4. Only give a lower score if there are very clear deficiencies that you can gauge by glancing at their responses for 15 seconds or fewer. I don't expect the responses to #6 to be great so you can still give 4/4 even if this one's mostly incorrect.