

Fall 2018 COT 3100 Homework #1 Grading Criteria - Total 20 points

Three questions to grade carefully:

Question #2 (5 pts)

Question #3 (5 pts)

Question #5 (5 pts)

Q2 (5 pts) - give full credit ONLY if each step is written nicely one below another AND the reasons applied are clearly marked to the right of each step. If no reasons are given but the steps are valid, take off 2 points. If some reasons are skipped or some steps are skipped the overall the answer is correct, take off 1 point, If there is an actual error beyond skipping steps, take off 2 to 4 points depending on the severity of the error.

Items to comment upon: Clearly explain all skipped steps, skipped reasons or incorrectly marked reasons.

Q3 (5 pts) - give full credit ONLY if each step is written nicely one below another AND the reasons applied are clearly marked to the right of each step. If no reasons are given but the steps are valid, take off 2 points. If some reasons are skipped or some steps are skipped the overall the answer is correct, take off 1 point, If there is an actual error beyond skipping steps, take off 2 to 4 points depending on the severity of the error.

Items to comment upon: Clearly explain all skipped steps, skipped reasons or incorrectly marked reasons.

Q5 (5 pts) - 1 pt for each, give the point if the response is CORRECT and the reason given is close to being valid. Give 0 pts if either the response is incorrect or the reason is too fishy.

Items to comment upon: It's very important to comment on invalid justifications explaining why they are invalid. Generally speaking, we can either complete the square or use Calculus. Carefully vet any other approach, I suspect there will be holes in any approach that doesn't roughly follow these two possible paths. Time the time to explain WHY an explanation isn't an airtight proof.

Questions 1, 4, and 6 - very quickly eyeball and award 0, 1, 2, 3, 4 or 5 points out of 5. Only give full credit if #4 is answered correctly. If there is an error in #4 but the rest is solid, give 4/5. Otherwise, just approximate completeness and correctness in a 30 second glance and pick a value out of 5.