COT 3100 Fall 2020 - Homework #10 Grading Criteria

1) 14 pts - 2 pts for each part, award 2 pts if the answer is correct or very close to correct
award 1 pt if there are clear errors but at least half of the answer is right
award 0 pts if more than half of the answer is incorrect

2) 5 pts - 1 pt for each part, each answer must be correct and a valid reason for it to earn the point. If all the answers are correct but no reasons are given, give 2 of 5 pts.

3) 6 pts - 2 pts for knowing that (7, 4) and (7, 8) must be added
2 pts for calculating 2^{25} for the rest of the symmetric pairs
1 pt for calculating 2^7 for the pairs of the form (a, a)
1 pt for multiplying to get the final answer

4) 8 pts - 3 pts for the mod description without proof
3 pts for the proof that the new description is equivalent
2 pts for stating that there are 8 equivalence classes

5) 4 pts - 1 pt for starting with f(a) = f(b)
2 pts for subsequent algebra
1 pt for completing the proof and reasoning out that a = b must follow (many ways to do this)

6) 4 pts - 1 pt swap x and y
2 pts algebra
1 pt picking minus based on domain issue

7) 4 pts - 2 pts for each one, give 2 pts if correct, 1 pt if close, 0 pts if not close, if domains missing give 3 of 4 total

8) 5 pts - Grade like the last bio, as long as it's reasonable and has the details I asked for, give full credit.

Writing the whole thing -10 penalty subtracted from regular final score.
Note: No penalty if typed and one or two drawings or written sections are attached inside pdf or doc as needed.