COT 3100 Fall 2022 - 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 accounting for the fact that the given ordered pairs must be added
2 pts for calculating 3^{43} for the rest of the anti-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) 4 pts – 1 pt for expressing P(x) in root form
1 pt for plugging in x = -1 into P(x) in root form
1 pt for plugging in x = -1 into P(x) in coeff form
1 pt for equating and solving for the desired quantity

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) 8 pts – 1 pt value of d, 1 pt writing out f(1), 1 pt writing out f(-1), 1 pt using those equations to get b, 2 pts for using those equations to get a+c = 9, 2 pts, 1 pt each for giving two ordered quadruplets (a,b,c,d) that satisfy the given info.

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