

Fall 2022 CIS 3362 Homework #3A Grading Criteria

- 1) 10 pts – 5 pts Playfair grid, 5 pts answer, take off points proportional to errors. (One error in the box but using the incorrect box correctly is still 9/10...)
- 2) 10 pts – 5 pts substitution, 5 pts transposition, take off points proportionally. If there's one tiny error it's fine to still give full credit. If the algorithm is wrong then little or no credit. (I expect mostly either 0/10, 9/10 or 10/10, maybe 5/10 if one step is correct and the other is an incorrect algorithm.)
- 3) 10 pts – 2 pts writing formula, 2 pts calc determinant, 1 pt get inverse determinant, 1 pt each for placement of values in matrix, 1 pt for reducing values into range.
- 4) 10 pts – 4 pts for setting up correct equations (if equations are backwards, take off 2 pts), 3 pts for solving equations for a and c, 3 pts for solving equations for b and d. (Note: So they'll get a different answer if the equations are backwards, but if they do it correct, give them 8 out of 10 in that case.)
- 5) 10 pts – 2 pts for the answer, 8 pts for the reasoning, lots of ways to reason this out. Grader decides partial on reasoning. If reasoning is sound but there was some miscounting, just take off 1 or 2 pts per error in counting.