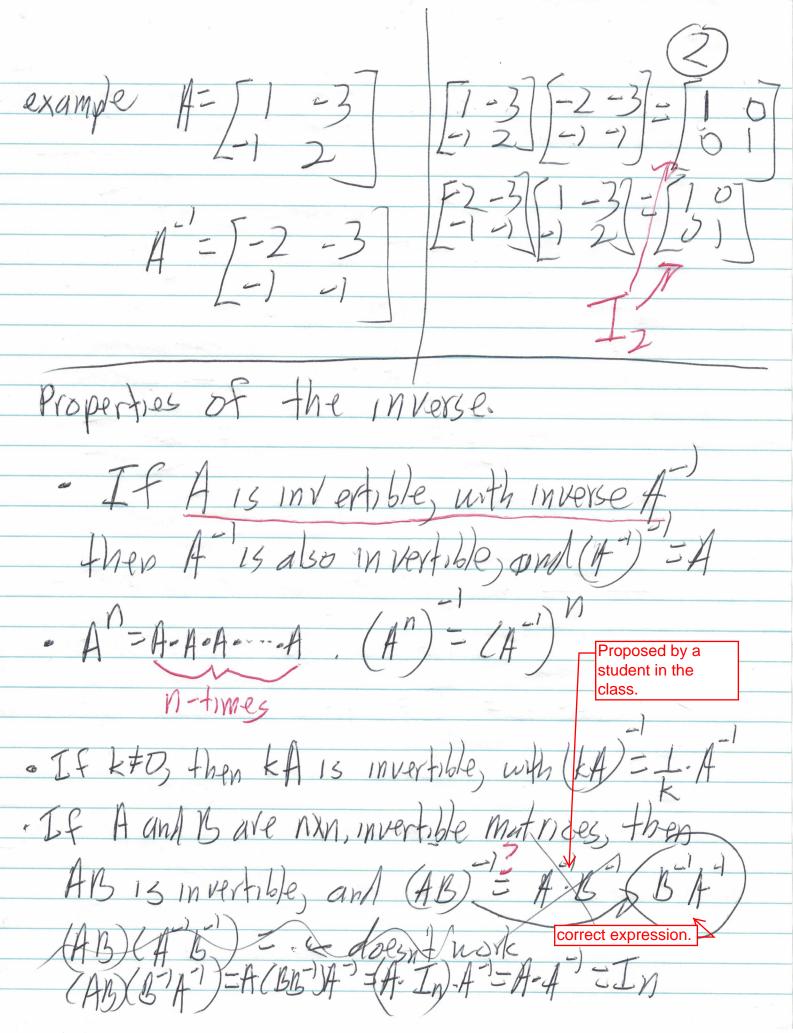
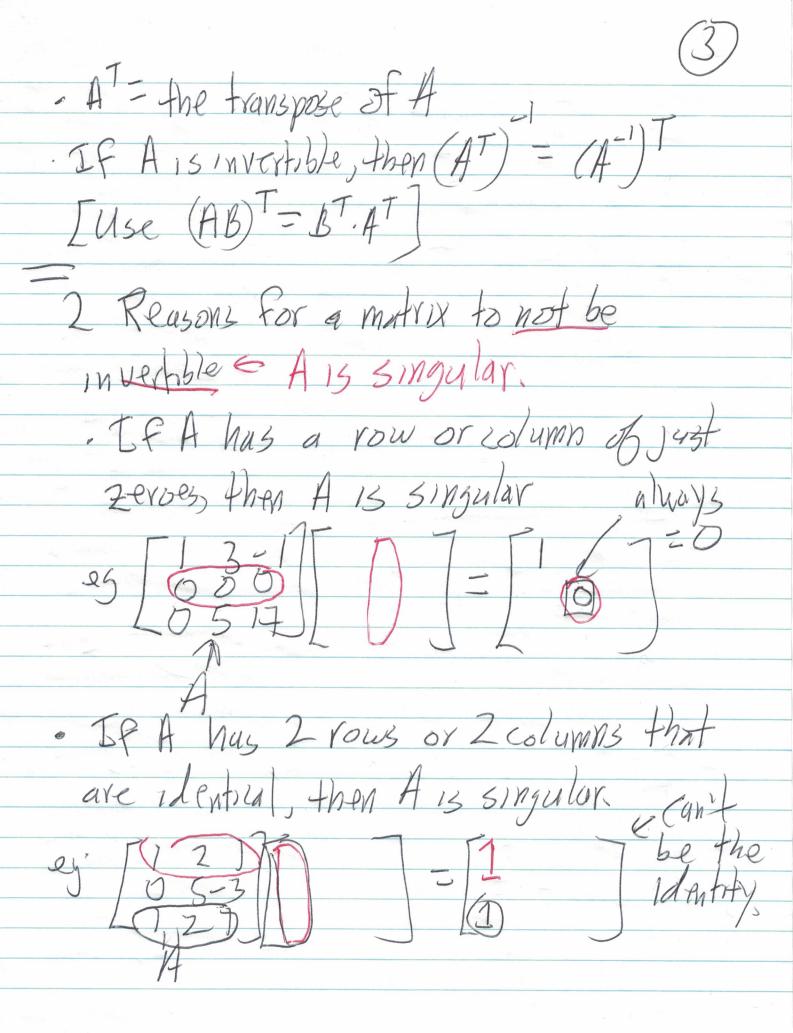


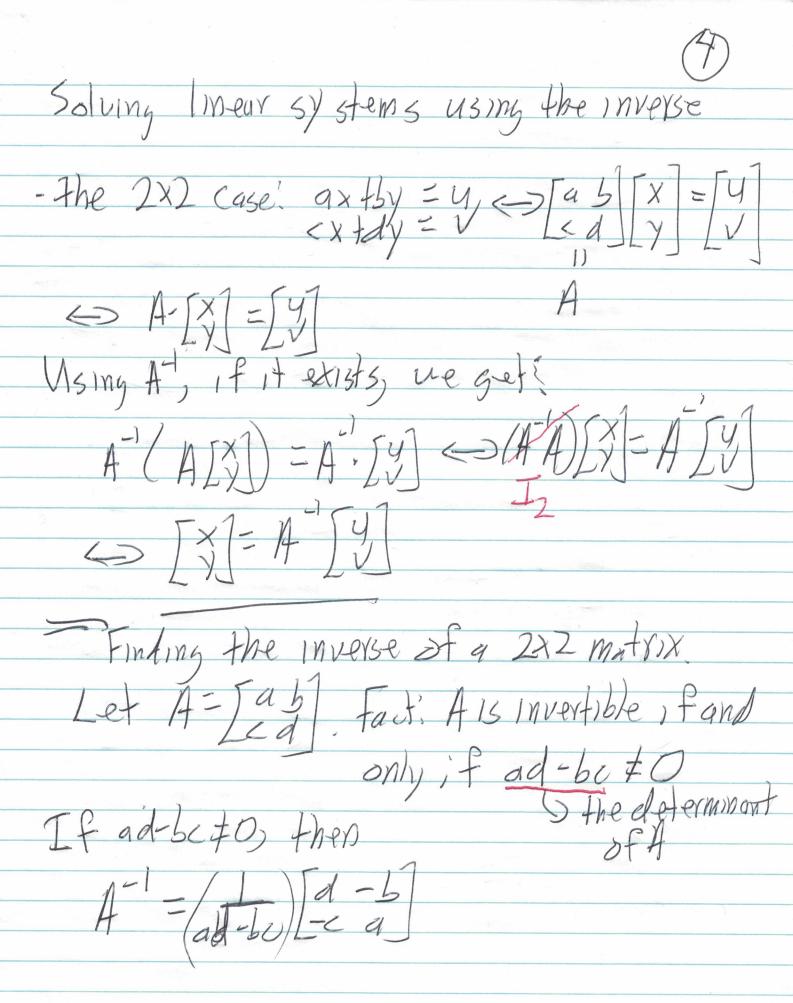
If A 1s an nxn matrx, its inverse,

if it exists, A, 1s the unique

nxn matrix with A-A = In = A-A







(heck: Ant = [ab] (1) [d -b]

= L [ad-bc] [-ca]

= L [ad-bc] [-ca]

= Jo = I

ad-bc [cd+d(-c)] (-b)+ad = [0] = I

2 Section 1,5. Elementary Matrices and a
method for Finding A Recall the Elementary Row Operations (1) Scale a row by some k +O Ri->k·Ri D Had a multiple of one row to another Ri > Ritking (3) Interchange two rows: Runs

