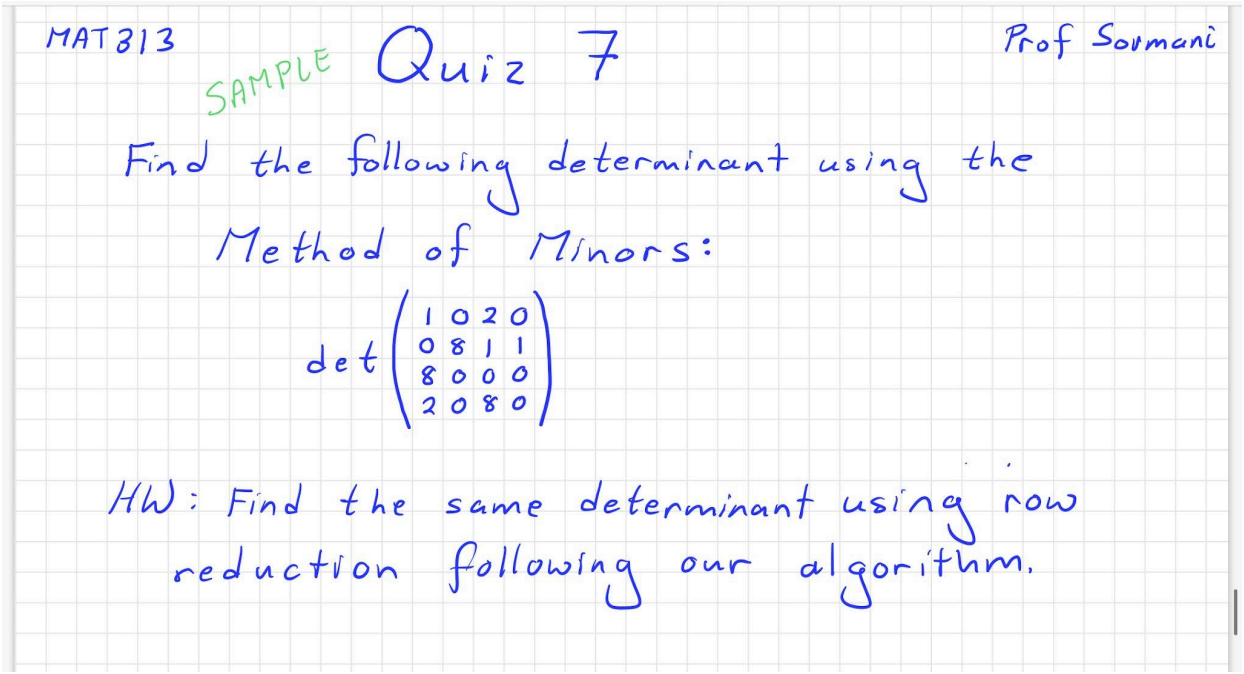
MAT313S23
Sample Quiz 7

Determinants

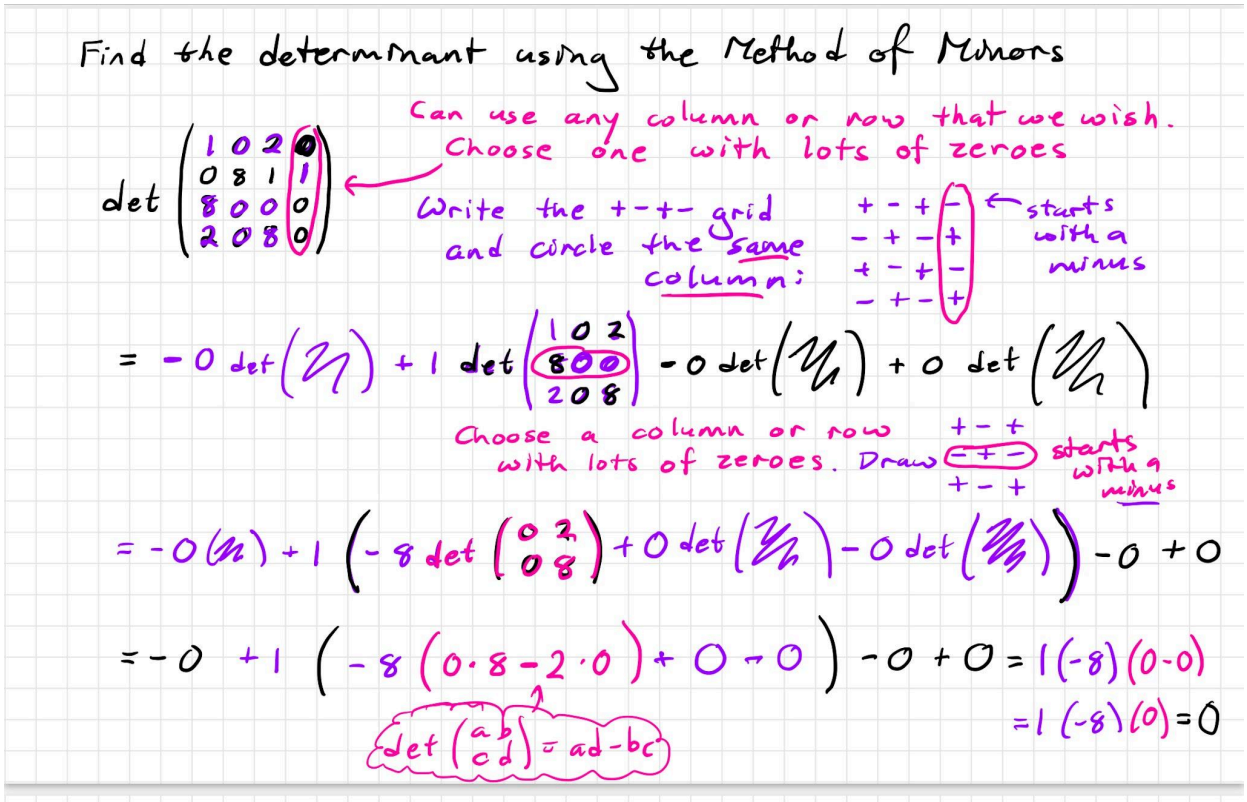


Scoring Rubrik:

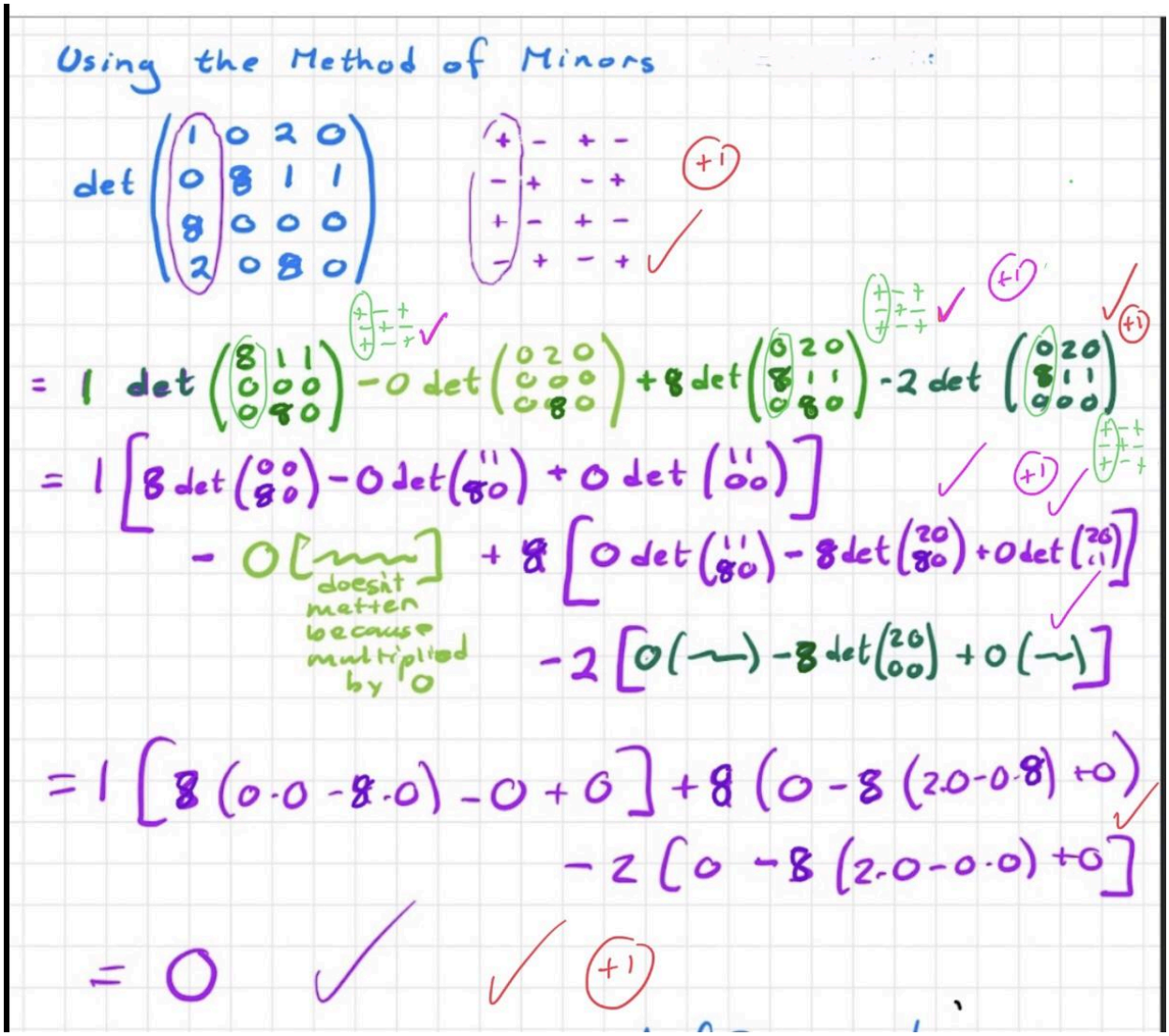
Timed Portion:
+1 for circling a column or row in the original 4x4 matrix
and circling the corresponding column or row in the 4x4 + - + grid
+1 for writing the first line with 3x3 minors
+1 for circling for circling a column or row in the 3x3 matrices
and circling the corresponding column or row in the 3x3 + - + grid
+1 for writing the first line with 2x2 minors
+1 for finding the 2x2 determinants correctly
and doing the final arithmetic correctly.
Homework:
+1 for correct first row action and equality
+1 for correct second row action and equality
+1 for correct third row action and equality
+1 for correct fourth row action and equality
+1 for correct finals row actions and equality
See sample grading in the solutions.

There are many correct answers for the Method of Minors!

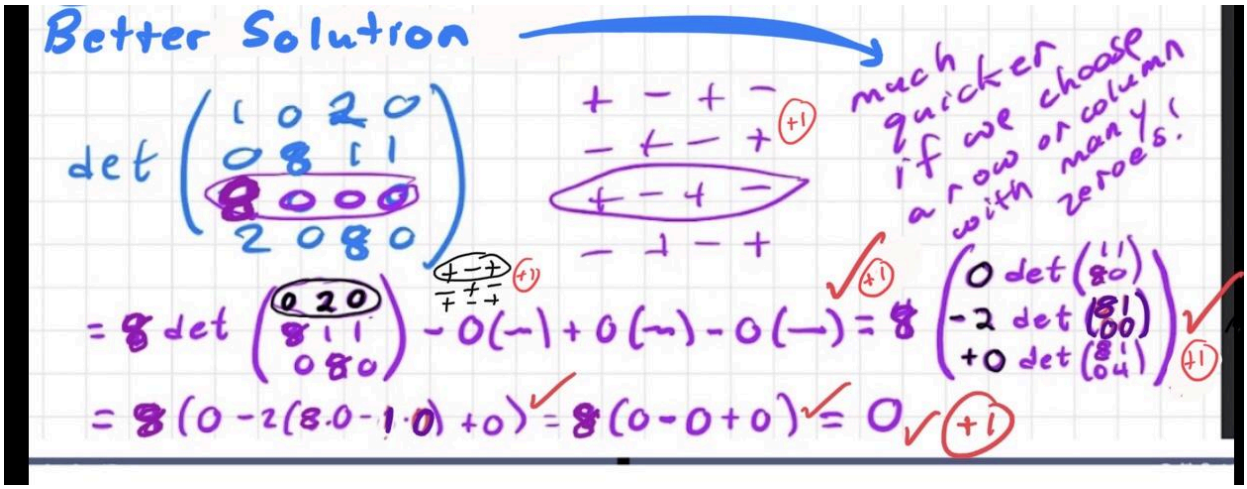
One correct answer with a video:



Another correct answer:



A third correct answer:



For the homework there is only one correct answer. You must follow row reduction as taught in Lessons 2-5.

One point for each correctly completed row action up to five points:

