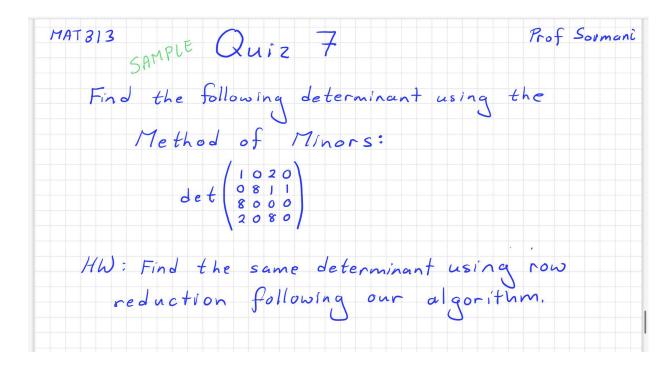
MAT313S23 Sample Quiz 7

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:

