

Homework Sets 16 – 18. Due Wednesday Oct 17.

All of the problems below have the same numbers in Leon's 8th edition.

Class date	Section covered	HW assigned
Monday Oct 8	2.1	2, 3ace, 4, 5, 9 (expand on that row or column), 10, Supplemental Problem 9 below.
Wednesday Oct 10	2.2	1ac, 2a, 3ace, 4, 5, 6, 7.
Friday Oct 12	2.3	3.3.9 (use Wronskian), 3.4.13. Cramer's Rule: 2.3.2ce

Supplemental Problem.

9. For the matrix $B = \begin{pmatrix} 1 & 3 & -1 \\ 2 & 0 & 5 \\ 1 & 4 & 3 \end{pmatrix}$, calculate $\det A$ by (a) expanding along the first column, and (b) expanding along the second row. Are the results equal?