MATH 260, Homework 6, Spring '14

Due: February 21, 2014

Honor Code:

Name:

1) (10 pts) Do problem 19 from section 3.4 of the textbook on page 164.

$$\begin{vmatrix} 6 & 22 & 0 & -3 \\ 0 & -1 & 0 & 4 \\ 0 & 0 & 13 & 0 \\ 0 & 0 & 0 & 4 \end{vmatrix} = (6)(-1)(13)(4) = -312$$

(meaning it's all 0's below the diagonal), it's det. is the product of 2) (15 pts) Do problem 26 from section 3.4 of the textbook on page 165. The diagonal entries