

Math 1010 November 29, 2006 Homework 27

Test problems: 8.4 # 1, 3, 5, 11, 13, 15

Find the determinants:

$$1) \begin{vmatrix} 2 & 7 \\ 11 & -10 \end{vmatrix}$$

$$2) \begin{vmatrix} 6 & -7 \\ -12 & 14 \end{vmatrix}$$

$$3) \begin{vmatrix} 1 & 2 & 3 \\ 6 & 7 & -2 \\ 5 & 10 & 4 \end{vmatrix}$$

$$4) \begin{vmatrix} 1 & 2 & 9 & 5 \\ 2 & -3 & 0 & 7 \\ 5 & -1 & 0 & 2 \\ 2 & 3 & 0 & 1 \end{vmatrix}$$